

TABLE 13 LARGE AND MEDIUM DAMS IDENTIFIED BY INVENTORY SURVEY (3/3)

(3)

Project	State	River	SSHA No.	Agency	Objective		Beneficiary			Basin Hydrology				Reservoir		Dam	
					Irri. M.S.H.P.	Irri. Area (ha)	Power Output (MW)	Water Supp. (Popu.)	Catch. Area (km ²)	Rain-fall (mm)	Area (km ²)	Capacity		Type	Height (m)	Length (m)	
												Total (MCM)	Active (MCM)				
79 M. Sardauna	Taraba	Kamkam	3130	MANR	◎	-	-	-	27	1,500	1.4	16.0	12.2	Earth	28.0	200	
80 Bali	Taraba	Yam	3130	MANR	◎	-	1,000	-	24	1,550	1.0	10.5	7.5	Earth	21.0	300	
81 Sina Jigawa	Taraba	Taraba	3130	NEP	○	-	7,000	-	5,620	1,650	-	80.0	60.0	Rock	50.0	-	
82 B. Ganye	Adamawa	Gazabu	3130	MANR	◎	-	-	-	870	1,600	25.0	382.0	314.0	Earth	33.0	700	
83 Beli Sardauna	Taraba	Waj	3140	MANR	◎	-	-	-	110	1,600	3.0	45.0	37.0	Earth	40.0	450	
84 G. Sardauna (1)	Taraba	Tarba	3140	MANR	◎	-	-	-	1,640	1,500	40.0	614.0	500.0	Earth	45.0	600	
85 G. Sardauna (2)	Taraba	Gashaka	3140	MANR	◎	-	-	-	470	1,650	10.0	220.0	190.0	Earth	42.0	900	
86 G. Sardauna (3)	Taraba	Kan	3140	MANR	◎	-	-	-	1,910	1,450	50.0	816.0	676.0	Earth	43.0	900	
87 Mambila. S	Taraba	Donga	3140	MANR	◎	-	-	-	1,850	1,550	43.0	808.0	684.0	Earth	50.0	400	
88 Kura	Taraba	Mboosa	3140	UREBDA	◎	-	520	-	60	1,350	2.1	9.0	6.3	Earth	16.2	950	
89 Mambira	Taraba	Donga	3140	NEP	○	-	-	2,600	2,120	2,000	143.0	4,300.0	2,900.0	Rock	100.0	340	
90 Many	Taraba	Donga	3140	UREBDA	◎	-	-	-	6,350	1,500	-	1,843.0	1,450.0	Rock	40.0	-	
91 B. Sardauna (1)	Taraba	Akom(Ngawa)	3140	MANR	◎	-	-	-	175	1,450	6.0	94.0	78.0	Earth	46.0	700	
Sub-total	-	-	-	-	89	0	2	341,020	2,766	278,000	-	36,123.9	27,779.9	-	-	-	
4. HA-4																	
1 Shendam(2)	Plateau	Shendam	4011	UREBDA	◎	○	-	3,000	-	15,000	256	950	30.0	Earth	17.0	212	
2 Lesse	Benue	Agbudu	4052	-	◎	-	-	1,000	-	20,000	245	1,500	6.0	Earth	18.0	766	
3 Dansak	Plateau	Wujam	4011	UREBDA	◎	○	-	8,400	-	30,000	554	950	50.0	Earth	21.0	343	
4 Baushe	Plateau	Baushe	4011	UREBDA	◎	○	-	7,500	-	30,000	475	950	55.0	Earth	15.0	360	
5 Shemarkar	Plateau	Shemarkar	4011	UREBDA	◎	○	-	20,800	-	25,000	3,120	950	135.0	Earth	15.0	230	
6 Katsina-Ala	Benue	Katsina-Ala	4051	NEP	-	-	-	-	470	-	16,250	1,550	7,545.0	1,900.0	Rock	43.0	7,000
Sub-total	-	-	-	-	5	0	1	40,700	470	90,000	-	-	7,847.0	2,170.0	-	-	
5. HA-6																	
1 Igangan	Oyo	Elu	6021	SWA	-	◎	-	-	-	-	109	1,200	15.0	Earth	20.0	400	
2 Ilora	Oyo	Itosi	6022	MANR	◎	-	-	1,000	-	-	164	1,200	10.5	Earth	18.0	650	
3 Osse	Oyo	Ose	6023	SWA	-	◎	-	-	-	-	193	1,200	35.0	Earth	34.0	750	
4 Ekiso Ado-odo	Ogun	Ekiso	6031	MANR	○	◎	-	-	400,000	-	25	1,350	1.8	Earth	15.0	1,500	
5 Omi	Oyo	Omi	6040	SWA	-	◎	-	-	-	-	234	1,350	15.0	Earth	15.0	490	
Sub-total	-	-	-	-	1	4	0	1,000	0	400,000	-	-	75.5	63.0	-	-	
6. HA-7																	
1 Okete	Benue	Okete	7010	UREBDA	◎	-	-	1,000	-	-	69	1,450	11.0	Earth	20.0	490	
2 Ajide-oke	Benue	Eke	7032	UREBDA	◎	○	-	-	20,000	-	200	1,600	98.0	Earth	15.0	280	
3 Ikom	C. River	Cross	7041	-	-	-	◎	-	172	-	-	2,000	1,700.0	1,200.0	-	-	
4 Ibu	Imo	R Imo	7052	A-UREBDA	◎	○	-	5,000	-	-	158	1,900	80.0	75.5	Earth	22.0	
Sub-total	-	-	-	-	3	0	1	6,000	172	20,000	-	-	1,889.0	1,383.5	-	-	
7. HA-8																	
1 Koreyai	Jigawa	Kolin Shusasi	8012	URECA	◎	-	-	300	-	-	100	500	125.0	Earth	15.0	685	
2 Mohammed Ayuba	Jigawa	Gari	8021	URECA	◎	○	-	-	-	-	-	550	5.5	Earth	15.9	1,012	
3 Katini	Bauchi	Katini	8041	MANR	◎	-	-	1,200	-	-	340	900	45.5	Earth	25.0	-	
4 Jarawa	Plateau	Bassa	8051	UREBDA	◎	○	-	-	-	-	-	1,250	98.0	Earth	-	-	
5 Kwali	Bauchi	Bunga	8052	H-JRBDA	◎	-	-	-	-	-	3,753	700	72.0	Earth	15.0	4,500	
6 Gulka	Bauchi	Gulka	8102	H-JRBDA	◎	-	-	-	-	-	921	750	597.0	Earth	30.0	-	
7 Yedseram	Borno	Yedseram	8141	CEBA	◎	-	-	35,300	-	-	1,200	700	287.0	Earth	35.0	4,000	
Sub-total	-	-	-	-	7	0	0	36,800	-	0	-	-	1,110.0	998.7	-	-	
Total	-	-	-	-	125	12	5	546,370	8,362	815,000	-	-	81,585.9	62,317.8	-	-	

Remarks: The location and dam outline in HA-III and -IV identified by MANR may not be accurate.

TABLE 14 SMALL DAMS IDENTIFIED BY INVENTORY SURVEY (1/3)

(1)

Project	State	River	SSHA No.	Agency	Objective			Beneficiary			Basin Hydrology			Reservoir		Dam		
					Irri. W.S.H.P.	Area (ha)	Power Output (MW)	Water Supply (Popu.)	Catch. Area (km ²)	Rain-fall (mm)	Area (km ²)	Total (MCM)	Active (MCM)	Type	Height (m)	Length (m)		
																	Irrig.	S.H.P.
1. HA-1																		
1 Gada	Katsina	Gada	1010	SRBDA	○	○	2,500	-	-	550	-	-	550	-	-	Earth	-	
2 Fakwa	Katsina	Gada	1010	SRBDA	○	○	1,500	-	-	600	-	-	600	5.6	17.5	Earth	11.0	
3 Akata	Katsina	Akata	1010	KYAEDA	-	○	-	-	-	500	-	-	500	-	0.5	0.4	Earth	5.7
4 Zurmi	Sokoto	Busuru	1022	SWA	○	○	-	-	-	550	-	-	550	-	-	Earth	-	
5 Mununu	Katsina	Seanu	1030	MANR	-	○	-	-	-	37	800	0.5	1.8	0.5	1.4	Earth	7.8	
6 Maigora	Katsina	Tunai	1041	MANR	-	○	-	-	-	7	900	0.4	1.5	0.4	1.2	Earth	10.0	
7 Dan Kutti	Katsina	Maidbaya	1041	MANR	-	○	-	-	-	-	850	-	0.7	0.5	0.5	Earth	6.2	
8 Marina	Kebbi	Rima	1072	SRBDA	○	-	-	-	-	-	650	36.0	76.0	25.0	25.0	Earth	5.4	
Sub-total	-	-	-	-	4	4	0	4,000	0	0	-	-	80.4	46.0	-	-	-	
2. HA-2																		
1 Kuyello	Kaduna	-	2060	SWA	-	○	-	-	-	-	950	1,900.0	0.3	0.4	0.4	Earth	5.0	
2 Randagi	Kaduna	-	2060	SWA	-	○	-	-	-	-	1,000	1,515.0	0.3	0.3	0.3	Earth	7.0	
3 Kubau	Kaduna	-	2060	SWA	-	○	-	-	-	-	1,000	2,500.0	0.4	0.3	0.3	Earth	6.8	
4 Dogon	Kaduna	-	2091	SWA	-	○	-	-	-	-	1,050	1,667.0	0.3	0.3	0.3	Earth	6.2	
5 Kiukiba	Kaduna	-	2091	SWA	-	○	-	-	-	-	950	4,200.0	0.5	0.5	0.5	Earth	5.0	
6 Taba	Kaduna	-	2111	SWA	-	○	-	-	-	-	900	2,300.0	0.4	0.3	0.3	Earth	7.5	
7 Pambeguwa	Kaduna	-	2111	SWA	○	○	800	-	-	-	1,100	1,512.5	0.3	0.3	0.3	Earth	7.0	
8 Dumbi	Kaduna	-	2111	SWA	-	○	-	-	-	-	1,000	1,350.0	0.3	0.3	0.3	Earth	7.3	
9 Karami	Plateau	Karami	2112	LBREDA	○	○	4,700	-	-	-	1,250	-	-	-	-	Earth	-	
10 New Kwassam	Kaduna	-	2121	SWA	-	○	-	-	-	-	1,250	1,600.0	0.3	0.3	0.3	Earth	8.0	
11 Izzam	Kaduna	-	2121	SWA	-	○	-	-	-	-	1,300	900.0	0.3	0.4	0.4	Earth	7.0	
12 Gidan Dutse	Kaduna	-	2121	SWA	-	○	-	-	-	-	1,300	812.5	0.2	0.2	0.2	Earth	8.5	
13 Kunnin Musa	Kaduna	-	2161	SWA	-	○	-	-	-	-	1,300	1,220.0	0.3	0.4	0.4	Earth	7.5	
14 Fadau Kamartan	Kaduna	-	2161	SWA	-	○	-	-	-	-	1,300	1,675.0	0.3	0.4	0.4	Earth	5.8	
15 Kagarko	Kaduna	-	2162	SWA	-	○	-	-	-	-	1,250	97.5	0.3	0.3	0.3	Earth	-	
Sub-total	-	-	-	-	1	14	0	5,500	0	0	-	-	4.5	4.5	-	-	-	
3. HA-3																		
1 Kiri Ganye (4)	Adamawa	Baji	3022	MANR	○	-	-	-	-	62	1,050	1.0	23.0	21.0	21.0	Earth	300	
2 Shuwa Michika (1)	Adamawa	Rafin Thiar	3031	MANR	○	-	-	-	-	90	600	1.5	11.0	4.8	4.8	Earth	13.0	
3 Shuwa Michika (2)	Adamawa	Rafin Mazala	3031	MANR	○	-	-	-	-	70	600	1.5	9.0	2.8	2.8	Earth	14.0	
4 Dundoga	Plateau	Dundoga	3041	LBREDA	○	○	-	-	-	3,120	1,150	-	-	-	-	Earth	-	
5 Panyam	Plateau	Lere	3041	LBREDA	○	○	650	-	-	20,000	1,050	-	-	-	-	Earth	-	
6 Foron	Plateau	Foron	3041	LBREDA	○	○	-	-	-	1,000	-	-	-	-	-	Earth	-	
7 Jalingo (2)	Taraba	Gana	3070	MANR	○	-	-	-	-	40	950	1.2	10.0	6.6	6.6	Earth	600	
8 Chorbe	Plateau	Wase	3102	LBREDA	○	○	500	-	-	15,000	950	-	-	-	-	Earth	-	
Sub-total	-	-	-	-	8	0	0	1,150	0	35,000	-	-	53.0	35.1	-	-	-	
4. HA-4																		
1 Werram	Plateau	Gimi	4030	LBREDA	○	-	-	-	-	-	1,250	-	-	-	-	Earth	-	
2 Gberwacha	Benue	Ambighir	4052	LBREDA	○	○	400	-	-	15,000	1,450	-	-	-	-	Earth	-	
3 Ogane.N	Plateau	Otakepa	4030	LBREDA	○	○	1,000	-	-	15,000	1,000	-	0.8	0.6	0.6	Earth	-	
4 Guma	Benue	Baka	4043	LBREDA	○	○	1,000	-	-	15,000	1,300	3.3	6.5	5.0	5.0	Earth	8	
5 Alingani	Plateau	Dep	4071	LBREDA	○	○	-	-	-	-	1,250	-	-	-	-	Earth	-	
6 Tede	Plateau	Kogum	4071	LBREDA	○	○	200	-	-	20,000	1,250	-	-	-	-	Earth	-	
7 Gbajimba	Benue	Guma	4043	LBREDA	○	○	600	-	-	10,000	1,250	3.3	6.5	5.0	5.0	Earth	-	
8 Uku	Benue	Ancha	4053	LBREDA	○	○	400	-	-	20,000	1,300	-	-	-	-	Earth	-	
9 Ajokpachi	Kogi	Ofu-Imabolo	4091	LBREDA	○	○	1,000	-	-	15,000	1,300	-	-	-	-	Earth	-	
Sub-total	-	-	-	-	9	0	0	4,600	0	95,000	-	-	13.8	10.6	-	-	-	

Table 14 Small Dams Identified by Inventory Survey (2/3)

(2)

Project	State	River	SSHA No.	Agency	Objective			Beneficiary			Basin Hydrology			Reservoir		Dam	
					Irri.	W.S.H.P.	Area (ha)	Power Output (MW)	Water Supply (Popu.)	Catch. Area (km ²)	Rain-fall (mm)	Area (km ²)	Capacity		Type	Height (m)	Length (m)
													Total (MCM)	Active (MCM)			
5. HA-5																	
1 Edem	Enugu	Anambra	5020	A-IRBDA	-	-	-	-	-	-	1,550				Earth		
2 Aguleri	Anambra	Monu	5020	A-IRBDA	-	-	-	-	-	-	1,750				Earth		
3 Ette	Enugu	Anambra	5020	A-IRBDA	-	-	-	-	-	-	1,450				Earth		
4 Owa	Enugu	Monu	5041	A-IRBDA	-	-	-	-	-	-	1,700				Earth		
5 Ozalla	Enugu	Monu	5041	A-IRBDA	-	-	-	-	-	-	1,600				Earth		
6 Abba	Anambra	Monu	5041	A-IRBDA	-	-	-	-	-	-	1,900				Earth		
7 Mgbakwu	Anambra	Momu	5041	A-IRBDA	-	-	-	-	-	-	1,800				Earth		
8 Agila	Benue	Aluku	5041	LERBDA	⊙	-	-	-	-	-	1,700				Earth		
9 Uke	Anambra	Monu	5042	A-IRBDA	-	-	-	-	-	-	1,900				Earth		
10 Umuchu	Anambra	Monu	5042	A-IRBDA	-	-	-	-	-	-	1,950				Earth		
11 Inembosi	Anambra	Orashi	5042	A-IRBDA	-	-	-	-	-	-	1,950				Earth		
12 Initte Owerri	Imo	Orashi	5042	A-IRBDA	-	-	-	-	-	-	1,950				Earth		
13 Umuchima	Imo	Imo	5042	A-IRBDA	-	-	-	-	-	-	1,950				Earth		
14 Ogocha	River	Ogocha	5050	A-IRBDA	-	-	-	-	-	-	2,400				Earth		
Sub-total					1	13	0	0	0	0	-	0.0	0.0	-	-	-	-
6. HA-6																	
1 Yekemo	Oyo	Aiye	6023	SWA	-	-	-	-	-	-	1,200				Earth	14.2	370
2 Kesan	Ogun	Kesan	6023	MANR	⊙	-	-	-	-	550,000	1,200	1.2	8.8	7.0	Earth	4.2	125
3 Ololo	Ogun	Ololo	6024	MANR	⊙	-	-	-	-	650,000	1,250	1.5		1.2	Earth	5.3	125
4 Orunkole	Ogun	Orunkole	6024	MANR	⊙	-	-	-	-	350,000	1,250	1.5		1.2	Earth	6.0	225
5 Eki-so Sowanjo	Ogun	Eki-so Sowanjo	6031	MANR	⊙	-	-	-	-	250,000	1,250	1.2		1.3	Earth	6.8	342
6 Lasilo	Ogun	Yewa	6031	0-ORBDA	⊙	-	-	400	-	-	505				Earth		
7 Abirere Coker	Ogun	Abirere	6032	MANR	⊙	-	-	-	-	170,000	1,300	2.5		0.6	Earth	6.0	100
8 Adogbolu	Ogun	Uren	6040	0-ORBDA	⊙	-	-	1,000	-	-	1,350				Earth		2,000
9 Araromi	Ogun	Araromi Kogbe	6040	MANR	⊙	-	-	-	-	750,000	1,350	1.5		1.1	Earth	5.2	225
10 Koku Odeda	Ogun	Koku Odeda	6040	MANR	⊙	-	-	-	-	350,000	1,350	1.2		1.4	Earth	5.8	125
11 Ileshi Kogbe	Ogun	Ileshi Kogbe	6052	MANR	⊙	-	-	-	-	650,000	1,400	2.5		0.8	Earth	10.0	1,200
12 Igbonla	Lagos	Oshun	6052	0-ORBDA	⊙	-	-	-	-	-	11,515	1,500			Earth		2,000
13 Osu-ibodi	Osun	Shasa	6061	SWA	-	-	-	-	-	-	54	0.2	1.9	0.3	Earth	6.5	100
Sub-total					3	10	0	1,400	-	3,720,000	-	-	10.7	16.3	-	-	-
7. HA-7																	
1 Nwudugu	Enugu	E. Aboine	7010	A-IRBDA	-	⊙	-	-	-	-	1,600				Earth		
2 Omanze	Enugu	Avora	7010	A-IRBDA	-	⊙	-	-	-	-	1,550				Earth		
3 Nhubia	Enugu	E. Aboine	7010	A-IRBDA	-	⊙	-	-	-	-	1,650				Earth		
4 Konshisha	Benue	Konshisha	7021	LERBDA	⊙	-	-	250	-	15,000	1,450				Earth		
5 Nduoke	Enugu	E. Aboine	7031	A-IRBDA	-	⊙	-	-	-	-	1,700				Earth		
6 Enyibichiri	Enugu	E. Aboine	7031	A-IRBDA	-	⊙	-	-	-	-	1,700				Earth		
7 Ameka	Enugu	E. Aboine	7031	A-IRBDA	-	⊙	-	-	-	-	1,750				Earth		
8 Amuda	Enugu	Aboine	7032	A-IRBDA	-	⊙	-	-	-	-	1,700				Earth		
9 Onicha Uburu	Abia	Asu	7032	A-IRBDA	-	⊙	-	-	-	-	1,750				Earth		
10 Agba	Enugu	Aboime	7032	A-IRBDA	-	⊙	-	-	-	-	1,750				Earth		
11 Emezu	Enugu	Aboine	7032	A-IRBDA	-	⊙	-	-	-	-	1,600				Earth		
12 Ogbaho	Enugu	Idodo	7032	A-IRBDA	-	⊙	-	-	-	-	1,750				Earth		
13 Okpata	Enugu	Aboime	7032	A-IRBDA	-	⊙	-	-	-	-	1,700				Earth		
14 Akpoli	Kogi	Ihilikpa	7032	LERBDA	⊙	-	-	500	-	-	1,700	5.0	1.5	1.2	Earth	8.0	160
15 Ogbaku	Enugu	Njuna	7033	A-IRBDA	-	⊙	-	-	-	-	1,750				Earth		
16 Asu-Ezeaku	Abia	Asu	7033	A-IRBDA	⊙	-	-	6,500	-	-	1,800				Earth		
17 Nenwenta	Enugu	Ezeaku	7033	A-IRBDA	-	⊙	-	-	-	-	1,800				Earth		
18 Ihe	Enugu	Asu	7033	A-IRBDA	-	⊙	-	-	-	-	1,700				Earth		
19 Uturu	Abia	Asu	7033	A-IRBDA	-	⊙	-	-	-	-	1,850				Earth		
20 Amokwe	Abia	Cross	7033	A-IRBDA	-	⊙	-	-	-	-	1,850				Earth		
21 Nومه	Enugu	Asu	7033	A-IRBDA	-	⊙	-	-	-	-	1,750				Earth		
22 Okposi	Abia	Asu	7033	A-IRBDA	-	⊙	-	-	-	-	1,800				Earth		
23 Nkporo	Abia	Asu	7033	A-IRBDA	-	⊙	-	-	-	-	1,850				Earth		

Table 14 Small Dams Identified by Inventory Survey (3/3)

(3)

Project	State	River	SSHA No.	Agency	Objective		Beneficiary			Basin Hydrology		Reservoir		Dam				
					Irri. W.S.H.P.	Area (ha)	Irri. Area (ha)	Power Output (MW)	Water Supply (Popu.)	Catch. Area (km ²)	Rain-fall (mm)	Area (km ²)	Capacity		Type	Height (m)	Length (m)	
													Total (MCM)	Active (MCM)				
24 Ovim	Abia	Ezeaku	7033	A-IREDA	-	⊙	-	-	-	-	1,850	-	-	Earth	-			
25 Omuma Isiaku	Imo	Imo	7050	A-IREDA	-	⊙	-	-	-	-	1,950	-	-	Earth	-			
26 Mkpa	Abia	Cross	7051	A-IREDA	-	⊙	-	-	-	-	2,000	-	-	Earth	-			
27 Umuduru	Imo	Imo	7051	A-IREDA	-	⊙	-	-	-	-	2,000	-	-	Earth	-			
28 Arondizogu	Imo	Imo	7052	A-IREDA	-	⊙	-	-	-	-	1,950	-	-	Earth	-			
29 Ntigha	Abia	Kwa Ibo	7052	A-IREDA	-	⊙	-	-	-	-	2,200	-	-	Earth	-			
30 Nchia	Rivers	Imo	7052	A-IREDA	-	⊙	-	-	-	-	2,200	-	-	Earth	-			
31 Nsulu	Abia	Cross	7053	A-IREDA	-	⊙	-	-	-	-	2,200	-	-	Earth	-			
32 Lubara	Rivers	Imo	7053	A-IREDA	-	⊙	-	-	-	-	2,600	-	-	Earth	-			
33 Unwana	Abia	Cross	7060	A-IREDA	-	⊙	-	-	-	-	1,850	-	-	Earth	-			
34 Arochuku	Abia	Cross	7060	A-IREDA	-	⊙	-	-	-	-	1,950	-	-	Earth	-			
35 Ututu	Abia	Cross	7060	A-IREDA	-	⊙	-	-	-	-	1,950	-	-	Earth	-			
36 Abiriba	Abia	Cross	7060	A-IREDA	-	⊙	-	-	-	-	1,900	-	-	Earth	-			
37 Owutu	Abia	Cross	7060	A-IREDA	-	⊙	-	-	-	-	1,850	-	-	Earth	-			
38 Bende	Abia	Inyang	7060	A-IREDA	-	⊙	-	-	-	-	2,000	-	-	Earth	40			
39 Ozuitem	Abia	Cross	7060	A-IREDA	-	⊙	-	-	-	-	1,900	-	-	Earth	-			
40 Ekoli	Abia	Cross	7060	A-IREDA	-	⊙	-	-	-	-	1,900	-	-	Earth	-			
41 Amaeke Abam	Abia	Cross	7060	A-IREDA	-	⊙	-	-	-	-	1,950	-	-	Earth	-			
42 Ihechiowa	Abia	Cross	7060	A-IREDA	-	⊙	-	-	-	-	1,900	-	-	Earth	-			
Sub-total	-	-	-	-	3	39	0	7,250	0	15,000	-	-	1.5	1.2	-	-		
8. HA-8																		
1 Mandaragirau	Borno	Hawa	8000	CSDA	⊙	-	-	-	-	-	-	85	-	-	Earth	-		
2 Gulani	Borno	-	8000	CSDA	⊙	⊙	-	-	-	-	10	-	-	0.8	0.6	Earth	-	
3 Moku	Borno	Yangari	8000	CSDA	⊙	-	-	-	-	-	167	-	-	5.5	3.5	Earth	-	
4 Jido	Kano	-	8000	H-JREDA	-	⊙	-	-	-	-	-	121	-	-	0.1	0.1	Earth	105
5 Ribadu	Borno	Rafin Ribadu	8000	CSDA	⊙	⊙	-	-	-	-	-	5	600	1.0	0.3	Earth	210	
6 Ramin Gado	Kano	-	8030	WRECA	-	⊙	-	-	-	-	-	-	-	-	-	-	-	
7 Jengre	Plateau	Jengre	8051	LBRBDA	⊙	⊙	-	250	-	15,000	-	-	1,250	-	-	Earth	-	
8 Delimi	Plateau	Delimi	8051	LBRBDA	⊙	-	-	1,000	-	-	-	-	1,250	-	-	Earth	-	
9 Dogala	Jigawa	Dagwalo	8060	H-JREDA	-	⊙	-	-	-	-	-	-	700	5.3	5.1	Earth	1,300	
10 Fune(Dam)	Yobe	Gokwoli	8100	SWA	-	⊙	⊙	-	80	178,000	855	-	600	15.0	13.6	Earth	605	
11 Darazo	Bauchi	Wupai	8100	H-JREDA	⊙	-	-	-	-	-	990	-	600	-	-	Earth	-	
12 Fune(Div)	Yobe	Gokwoli	8100	SWA	-	⊙	-	-	-	50,000	648	-	600	10.0	9.1	Earth	107	
13 Misau	Bauchi	Zala	8102	H-JREDA	⊙	-	-	15,000	-	-	2,344	-	750	10.8	46.0	Earth	2,400	
14 Jemjeri Damboa	Borno	Jemjeri	8130	SWA	-	⊙	-	-	-	82,500	171	-	600	2.3	6.3	Earth	2,144	
15 Limankara-Guoza	Borno	Limankara	8140	SWA	-	⊙	-	-	-	-	83	-	650	1.1	320.0	Earth	450	
Sub-total	-	-	-	-	8	7	0	16,250	80	325,500	-	-	-	-	417.9	333.4	-	-
Total	-	-	-	-	37	87	0	40,150	80	4,190,500	-	-	-	-	581.8	447.1	-	-

Note: In addition to the above dams, more small dams in each agency may be proposed but are not identified in NWRIS by the domestic consultants. It is recommended to add the additional dams in future by each agency.

Table 15 Proposed Large and Medium Dam for Irrigation and Water Supply Toward 2020 (1/6)

(1)

Dam	River	SSHA	Map No. (1/250,000)	Dam Site Location		Reservoir Inflow			Dam Site Outline				Avail. Res. Water		
				Lat.	Long.	Catch. (km ²)	Runoff Yields (mm)	Annual Runoff (MCM)	Reservoir Area (km ²)	Active Capacity (MCM)	Dam Height (m)	Dam Length (m)	Rate for Active Cap. (%)	Available Water (MCM)	
1. HA-1															
2-1 Proposed by REDA, SWA & MANR															
1 Karaduwa	Karaduwa	1021	9	12.20	7.46	1,010	100	101	48.4	106	19	3,500	0.55	58	
2 Kaya	Gagare	1030	8	12.59	6.27	7,200	80	576	18.0	140	20	3,000	0.80	112	
3 Gwaigwaye	Gwaigwaye	1041	8	11.50	7.25	120	200	24	6.6	17	15	1,500	0.40	7	
Subtotal						8,330	-	701	73.0	283	-	-	-	177	
2-2 Proposed by JICA															
1 Ka	Ka	1091	18	11.42	4.41	7,600	80	608	16.0	115	20	600	0.80	92	
2 K. Sakachi	K. Sakachi	1101	18	11.17	4.33	70	250	18	6.0	22	15	1,000	0.55	12	
3 Kotsu	Ketsu	1102	18	11.20	4.40	170	220	37	3.0	13	15	700	0.80	10	
4 Danzaki	Danzaki	1102	18	11.15	4.42	3,400	100	340	6.0	55	25	1,000	0.80	44	
5 Wasa	Wasa	1103	18	11.07	4.46	150	230	35	8.0	35	15	900	0.55	19	
6 Bakin Turu	Bakin Turu	1104	29	10.57	4.58	70	250	18	3.0	13	15	600	0.55	7	
7 Kasanu	Kasanu	1104	29	10.59	4.55	500	160	80	4.0	18	15	500	0.80	14	
8 Bambiri	Bambiri	1104	29	10.57	4.58	70	250	18	3.0	13	15	600	0.55	7	
9 Wata	Wata	1112	29	10.33	4.44	800	150	120	13.0	57	15	400	0.80	46	
10 Utula	Utula	1135	29	10.45	4.17	300	200	60	12.0	53	15	1,500	0.55	29	
11 Shafaci	Shafaci	1135	29	10.45	4.16	280	200	56	10.0	44	15	1,200	0.55	24	
Subtotal						13,410	-	1,388	84	438	-	-	-	305	
Total						21,740	-	2,089	157	701	-	-	-	483	
2. HA-2															
2-1 Proposed by REDA, SWA & MANR															
1 Jokoro	Molu	2040	50	8.51	4.13	65	260	17	1.6	13	22	500	0.65	8	
2 Ajelarwa	Weru	2040	50	8.39	4.14	690	170	117	8.7	85	26	900	0.80	68	
3 Yanku	Weru	2040	50	8.37	4.12	300	210	63	5.1	47	25	950	0.70	33	
4 Ala	Ohan	2040	50	8.35	4.16	360	200	72	5.8	49	23	1,000	0.70	34	
5 Shao	Busanu	2040	50	8.39	4.32	130	240	31	3.2	27	23	300	0.65	18	
6 Oloye	Weru	2040	50	8.30	4.09	65	260	17	2.1	13	18	900	0.55	8	
7 Mogaaji	Moro	2040	50	8.27	4.21	270	230	62	6.1	54	24	1,050	0.65	35	
8 Okanie	Oyun	2040	50	8.19	4.40	290	210	61	6.2	38	18	500	0.70	27	
9 Idofian	Odomu	2040	50	8.21	4.42	70	260	18	1.6	14	24	900	0.65	9	
10 Ago	Oyun	2040	50	8.28	4.40	700	170	119	9.7	70	20	600	0.80	56	
11 Okeoyi	Avun	2040	50	8.35	4.38	63	260	16	1.5	13	24	1,000	0.65	8	
12 Faloku	Oyun	2040	50	8.10	4.47	96	250	24	2.6	19	20	1,100	0.65	12	
13 Galma(1)	Galma	2111	33	10.46	8.26	1,200	200	240	59.0	230	20	1,600	0.65	150	
14 Galma(2)	Shika	2111	21	11.14	7.43	400	230	92	12.0	80	20	1,600	0.65	52	
15 Galma(3)	Likarbu	2111	32	10.51	7.51	900	200	180	26.0	100	15	1,500	0.80	80	
16 Essan	Lawi	2141	42	9.29	6.46	210	250	53	4.0	38	24	600	0.80	30	
17 Eniko	Eniko	2141	42	9.11	6.07	150	250	38	3.0	19	16	1,000	0.80	15	
18 Agale	Bakogi	2141	42	9.05	6.24	360	230	83	12.0	44	17	1,400	0.80	35	
19 Tungawain	Wayin	2141	42	9.30	6.17	180	250	45	17.0	23	22	1,400	0.80	18	
20 Sanakpan	Bako	2141	42	9.34	6.30	200	250	50	7.0	26	15	1,300	0.80	21	
21 Jariga	Jatau	2141	42	9.22	6.55	220	250	55	4.0	32	27	800	0.80	26	
22 Yankeko	Chanchaga	2141	42	9.24	6.14	2,560	150	384	22.2	140	34	2,400	0.80	112	
23 Bakajeba	Jatau	2141	42	9.14	6.34	975	200	195	24.0	147	22	1,800	0.70	103	
24 Nabi	Gora	2141	42	9.36	6.49	210	250	53	32.0	26	29	1,200	0.80	21	
25 Fuka	Kemi	2141	42	9.13	6.49	280	240	62	15.0	37	16	1,600	0.80	30	
Subtotal						10,924	-	2,147	291.4	1,384	-	-	-	1,010	
2-2 Proposed by JICA															
1 Igorin	Oshin	2051	50	8.43	4.51	1,060	160	170	3.0	33	28	1,200	0.80	26	
2 Elebu	Oshin	2051	50	8.48	4.44	140	240	34	2.9	28	15	1,150	0.55	15	
3 Lasaki	Oshin	2053	50	8.56	4.45	70	260	18	1.4	14	20	1,150	0.65	9	
4 Okunrun	Okunrun	2053	61	7.57	5.12	45	280	13	2.5	11	15	500	0.55	6	
5 Ukusu	Ukusu	2060	31	10.22	6.20	160	230	37	2.5	11	15	600	0.80	9	

Table 15 Proposed Large and Medium Dam for Irrigation and Water Supply Toward 2020 (2/6)

(2)

Dam	River	SSHA	Map No. (1/250,000)	Damsite Location		Reservoir Inflow		Damsite Outline			Avail. Res. Water			
				Lat.	Long.	Catch. Area (km ²)	Runoff Yield (mm)	Annual Runoff (MCM)	Reservoir Area (km ²)	Active Capacity (MCM)	Dam Height (m)	Dam Length (m)	Rate for Active Cap. (%)	Available Water (MCM)
6 K. Charuma	K. charuma	2060	31	10.16	6.13	150	230	35	1.5	7	15	600	0.80	6
7 Kombou	Kombou	2060	31	10.10	6.06	120	240	29	3.5	15	15	900	0.80	12
8 Kaduna	Kaduna	2073	41	9.30	5.40	55,000	180	9,900	40.0	244	15	4,000	1.00	244
9 Lade	Tributary	2082	51	8.45	5.36	160	230	37	5.0	30	16	1,300	0.55	17
10 Auge	Tributary	2082	51	8.43	5.42	130	240	31	5.0	30	16	1,200	0.55	17
11 Pategi	Tributary	2082	51	8.42	5.43	80	250	20	4.0	18	16	1,000	0.55	10
12 Sunawa	Tributary	2083	52	8.23	6.23	90	250	23	2.0	14	20	800	1.00	14
13 Kakanda	Tributary	2083	52	8.20	6.28	40	280	11	1.5	11	20	400	0.70	8
14 M.dutse	M.dutse	2091	21	11.17	7.15	140	240	34	8.0	35	15	1,100	0.55	19
15 Jusawo	Jusawo	2091	21	11.16	7.15	80	250	20	5.0	20	15	500	0.55	11
16 Kalegi	Kalegi	2091	21	11.08	7.04	130	240	31	8.0	35	15	1,000	0.55	19
17 Gazare	Gazare	2091	21	11.03	7.12	170	230	39	6.0	26	15	1,000	0.55	14
18 Maraku	Maraku	2091	21	11.08	7.30	110	240	26	7.0	31	15	1,000	0.55	17
19 Karami	Karami	2112	33	10.37	8.17	70	250	18	3.0	13	15	300	0.55	7
20 Bishiwa	Bishiwa	2112	33	10.26	8.50	120	240	29	2.0	14	20	700	0.80	11
21 Gambo	Gambo	2112	33	10.21	8.50	130	240	31	2.5	18	20	1,000	0.80	14
22 Gora	Gora	2121	33	10.13	8.32	70	250	18	4.0	18	15	1,200	0.60	11
23 Gurza	Gurza	2121	33	10.05	8.31	170	230	39	9.0	40	15	800	0.60	24
24 Bakin Kogi	Kaduna	2121	44	9.53	8.26	1,530	200	306	9.0	65	20	700	0.80	52
25 Zonzon	Zonzon	2121	44	9.50	8.23	75	250	19	2.0	9	15	800	0.80	7
26 Atom	Atom	2121	44	9.47	8.24	30	300	9	2.5	11	15	500	0.60	7
27 Gadoko	Gadoko	2141	42	9.40	6.26	60	260	16	1.5	7	15	800	0.80	6
28 Maida	Maida	2141	42	9.29	6.31	100	250	25	4.0	18	15	800	0.60	11
29 Edndnade	Edndnade	2141	42	9.23	6.37	60	260	16	2.5	11	15	1,000	0.60	7
30 Konti	Konti	2141	42	9.22	6.04	60	260	16	3.0	13	15	1,200	0.60	8
31 Noayma	Gudna	2141	42	9.17	6.27	220	220	48	3.0	28	25	1,500	0.80	22
32 Eniko	Eniko	2141	42	9.12	6.07	140	240	34	2.5	11	16	1,000	0.80	9
33 Mussa	Mussa	2141	42	9.05	6.04	100	250	25	2.5	11	15	800	0.80	9
34 Emiziko	Tributary	2141	42	9.02	6.05	45	280	13	3.5	15	15	900	0.60	9
35 Esama	Esama	2141	42	9.03	6.16	35	290	10	3.0	12	15	1,000	0.60	7
36 Bakoji	Bakoji	2141	52	8.54	6.13	870	200	174	11.0	44	15	1,500	0.80	35
37 Yewar	Tributary	2141	52	8.57	6.23	100	250	25	3.0	13	15	800	0.80	10
38 Anbero	Tributary	2141	52	8.52	6.16	90	250	23	6.0	15	15	1,000	0.80	12
39 Katcha	Tributary	2141	52	8.46	6.20	200	220	44	6.0	26	15	1,000	0.80	21
40 Kanko	Kanko	2143	42	9.33	6.01	85	240	20	5.0	22	15	800	0.60	13
41 Ebbo	Tributary	2150	52	8.28	6.36	75	250	19	3.0	22	20	700	0.70	15
42 Ossen Seni	Tributary	2150	52	8.10	6.47	70	250	18	2.0	14	20	800	0.70	10
43 Koten Karifi	Oshere	2150	52	8.07	6.51	140	240	34	3.0	36	30	700	0.80	29
44 Baro	Elu	2150	52	8.34	6.27	1,400	200	280	40.0	290	20	1,000	0.70	203
45 Nugmagi	Tributary	2150	52	8.31	6.34	75	250	19	3.0	22	20	900	0.70	15
46 Takara	Tributary	2161	43	9.27	7.47	180	230	41	8.0	35	15	1,200	0.60	21
47 Kuda	Kuda	2161	44	9.42	8.01	140	240	34	6.5	29	15	1,000	0.60	17
48 Marasa	Gurara	2161	44	9.39	8.09	110	240	26	6.0	26	15	1,000	0.60	16
49 Chori	Chori	2161	44	9.32	8.06	135	240	32	5.0	36	15	500	0.60	22
Subtotal	-	-	-	-	-	64,560	-	11,964	275.8	1,557	-	-	-	1,133
Total	-	-	-	-	-	75,484	-	14,110	567.2	2,941	-	-	-	2,142
3. HA-3														
3-1 Proposed by REDA, SWA & MANR														
1 Hona Gombi	Dogaba	3012	38	10.01	13.01	420	220	92	12	61	20	1,800	0.80	49
2 Mabi	Pakka	3012	48	10.07	13.07	70	280	20	2.0	15	20	700	0.65	10
3 Dumne Song	Baunra	3012	48	9.57	12.43	180	250	45	4.0	15	21	1,100	0.80	12
4 Dumne	Loko	3012	48	9.52	12.22	90	280	25	2.0	13	22	900	0.80	10
5 Kiri Garye	Kinikoi	3022	58	8.58	9.13	110	270	30	4.0	36	25	800	0.65	23
6 Mukan	Mukan	3022	58	8.52	12.23	200	240	48	7.0	33	22	1,200	0.65	21
7 Mayo Ine	Mayo Ine	3022	48	9.02	12.18	3,630	170	617	20.0	70	19	3,000	0.80	56
8 Ganve	Ini	3022	58	8.43	12.13	660	210	139	16.0	175	20	1,900	0.65	114
9 Askira Uba	Kwareta	3032	38	10.26	13.03	160	260	42	2.5	11	26	700	0.80	9

Table 15 Proposed Large and Medium Dam for Irrigation and Water Supply Toward 2020 (3/6)

(3)

Dam	River	SSHA	Map No. (1/250,000)	Damsite Location		Reservoir Inflow			Damsite Outline			Avail. Res. Water		
				Lat.	Long.	Catch. Area (km ²)	Runoff Yield (mm)	Annual Runoff (MCM)	Reservoir Area	Active Capacity (MCM)	Dam Height (m)	Dam Length (m)	Rate for Active Cap. (%)	Water Available (MCM)
10 Mayo Belwa	Belwa	3070	47	9.24	11.56	3,100	170	527	35.0	240	27	3,500	0.80	192
11 Monkin Zin	Monkin	3070	57	8.49	11.43	94	270	25	3.5	22	25	1,300	0.70	15
12 Bali	Lamurde	3070	57	8.51	9.23	530	210	111	11.0	70	17	500	0.70	49
13 Mutumbu	Fan Petel	3090	57	8.48	11.09	240	240	58	9.0	49	23	1,200	0.75	37
14 Tella	Taraba	3112	56	8.24	10.32	22,400	500	11,200	90.0	400	15	4,300	0.60	240
15 Sardauna	Kam	3111	56	8.17	10.52	5,300	400	2,120	11.0	80	20	400	0.80	64
16 Suntai	Suntai	3120	66	7.53	10.22	5,200	400	2,080	11.5	50	15	800	0.80	40
Subtotal	-	-	-	-	-	42,384	-	17,178	241	1,340	-	-	-	942
3-2 Proposed by JICA														
1 Ngali	Ngali	3012	38	10.04	13.09	60	280	17	1.0	7	20	500	0.80	6
2 Nounngo	Nounngo	3012	38	10.01	13.04	100	260	26	2.5	18	20	1,000	0.65	12
3 Sensen	Sensen	3012	48	9.53	12.25	130	260	34	3.0	28	25	800	0.55	18
4 Song	Song	3012	48	9.54	12.36	350	240	84	4.0	48	25	400	0.80	38
5 Baunra	Baunra	3013	48	9.38	12.27	130	260	34	2.5	15	17	1,100	0.80	12
6 M. Jamba	M. Jamba	3032	37	10.11	12.36	210	250	53	3.5	15	15	1,200	0.80	12
7 M. Gerewa	M. Gerewa	3032	37	10.08	12.18	125	260	33	4.5	32	20	900	0.65	21
8 M. Zangula	M. Zangula	3032	37	10.20	12.45	200	250	50	5.0	22	15	1,100	0.80	18
9 M. Faa	M. Faa	3032	37	10.02	12.53	200	250	50	7.0	64	25	800	0.55	35
10 Hawal D.D	Hawal	3032	37	10.23	12.15	7,500	120	900	17.0	120	20	1,500	0.80	96
11 M. Leningo	M. Leningo	3032	37	10.15	12.17	200	250	50	4.0	37	25	900	0.65	24
12 Zurhu	Jenche	3070	47	9.19	11.55	160	250	40	4.5	32	20	1,200	0.65	21
13 Danwoiba	Danwoiba	3070	47	9.05	11.42	100	280	28	3.5	25	20	600	0.65	16
14 Kumini	Kumini	3070	57	8.56	11.36	300	240	72	2.5	23	25	200	0.80	18
15 Bado	Bado	3102	56	8.40	10.02	230	240	55	12.0	29	10	1,800	0.80	23
16 LoYerima	LoYerima	3112	56	8.35	10.45	50	300	15	2.0	14	20	600	0.65	9
17 Dankuturu	Dankuturu	3112	56	8.36	11.48	250	220	55	8.0	35	15	1,000	0.60	21
18 Adashange	Adashange	3140	65	7.50	9.58	70	280	20	4.5	20	15	800	0.60	12
19 Mboosa	Mboosa	3140	65	7.42	9.53	50	300	15	3.5	15	15	1,000	0.60	9
20 Goragh	Goragh	3140	65	7.35	9.54	70	280	20	4.5	20	15	600	0.60	12
21 Adu	Adu	3140	66	7.37	10.03	300	240	72	16.0	70	15	1,500	0.60	42
22 Tati	Tati	3140	66	7.17	10.11	150	260	39	4.0	10	10	600	0.80	8
23 Mala	Mala	3140	66	7.15	10.38	250	220	55	7.0	50	20	1,000	0.65	33
Subtotal	-	-	-	-	-	11,185	-	1,815	126	749	-	-	-	516
Total	-	-	-	-	-	53,569	-	18,993	366.5	2,089	-	-	-	1,457
4. HA-4														
4-1 Proposed by REDA, SWA & MANR														
1 Shendam	Shendam	4011	45	8.34	9.40	260	220	57	35.0	30	17	210	0.80	24
2 Dansak	Wujam	4011	45	8.56	9.12	550	200	110	7.0	50	21	340	0.80	40
3 Baushe	Baushe	4011	55	8.40	9.40	480	200	96	8.0	55	21	340	0.80	44
4 Shemankar	Shemankar	4011	55	8.50	9.25	3,120	170	530	18.0	130	20	2,300	0.80	104
Subtotal	-	-	-	-	-	4,410	-	794	68.0	265	-	-	-	212
4-2 Proposed by JICA														
1 Ujary	Ujary	4022	65	7.43	9.41	35	310	11	3.0	13	15	1,100	0.60	8
2 Riti	Riti	4022	65	7.39	9.43	110	270	30	6.5	29	15	700	0.60	17
3 Uweyande	Uweyande	4023	65	7.47	9.04	55	280	15	2.0	14	20	800	0.70	10
4 Fofi	Fofi	4023	65	7.46	9.09	35	310	11	2.0	14	20	900	0.70	10
5 Ajiba	Rogo	4023	65	7.37	9.26	70	280	20	3.5	15	15	800	0.60	9
6 Karma(1)	Karma	4030	54	8.58	8.25	140	260	36	2.5	18	20	1,200	0.80	14
7 Karma(2)	Karma	4030	54	8.24	8.37	200	250	50	2.0	14	20	1,200	0.80	11
8 Gudi	Gudi	4030	54	8.57	8.34	110	270	30	3.5	32	25	1,200	0.80	26
9 Ukon	Ukon	4030	54	8.52	8.35	40	310	12	2.0	14	20	700	0.70	10
10 Feteruwa	Feteruwa	4030	54	8.42	8.40	165	250	41	6.0	26	15	1,200	0.60	16
11 Ganje	Ganje	4030	54	8.37	8.31	90	280	25	5.0	22	15	1,200	0.60	13
12 Katari	Katari	4030	54	8.35	8.31	120	270	32	4.0	18	15	800	0.80	14
13 Tsorom	Akwanyi	4030	54	8.34	8.54	500	220	110	10.0	24	10	1,500	0.80	19

Table 15 Proposed Large and Medium Dam for Irrigation and Water Supply Toward 2020 (4/6)

(4)

Dam	River	SSHA	Map No. (1/250,000)	Dam Site Location		Reservoir Inflow			Dam Site Outline				Avail. Res. Water Water (MCM)	
				Lat.	Long.	Catch. Area (km ²)	Runoff Yield (mm)	Annual Runoff (MCM)	Reservoir Area (km ²)	Active Capacity (MCM)	Dam Height (m)	Dam Length (m)		Rate for Active Cap. (%)
14 Ovena	Ovena	4042	64	7.54	8.53	60	280	17	2.5	11	15	1,000	0.60	7
15 Aneri	Aneri	4042	64	7.57	8.54	400	220	88	9.0	65	20	800	0.70	46
16 Tsemngo	Katso	4042	65	7.43	9.01	40	310	12	2.5	11	15	900	0.60	7
17 Vakugu	Vakugu	4042	65	7.38	9.13	45	310	14	3.5	15	15	1,000	0.60	9
18 Kereke	Kereke	4043	64	7.52	8.33	700	210	147	8.0	35	15	1,200	0.80	28
19 Baa	Baa	4043	64	7.52	8.24	40	310	12	7.5	16	20	900	0.70	11
20 Ube	Tributary	4043	64	7.52	8.46	40	310	12	3.0	13	15	500	0.60	8
21 Afiae	Afiae	4052	65	7.40	9.33	150	250	38	5.0	22	15	900	0.60	13
22 Agbunko	Agbunko	4052	65	7.09	9.09	45	310	14	3.0	13	15	500	0.60	8
23 Nvande	Myande	4052	65	7.07	9.05	50	300	15	2.0	9	15	800	0.80	7
24 Dula	Dula	4052	65	7.02	9.13	140	250	35	6.0	26	15	800	0.60	16
25 Mishe	Mishe	4052	65	7.13	9.24	100	270	27	5.0	22	15	1,200	0.60	13
26 Uchi Mbako	Tributary	4053	64	7.42	8.47	50	300	15	2.5	11	15	400	0.60	7
27 Dzer	Tributary	4053	64	7.40	8.57	30	310	9	1.5	11	20	700	0.65	7
28 Yelen(1)	Tributary	4053	64	7.35	8.56	65	280	18	2.0	9	15	600	0.80	7
29 Yelen(2)	Tributary	4053	64	7.34	8.58	85	280	24	4.0	29	20	600	0.65	19
30 Amber	Amber	4053	65	7.24	9.07	50	300	15	2.0	14	20	500	0.65	9
31 Ambighir	Ambighir	4053	65	7.17	9.07	200	250	50	6.0	43	20	600	0.70	30
32 Ukye	Ukye	4053	65	7.26	9.21	30	310	9	1.5	11	20	1,000	0.65	7
33 Daudu	Loko	4053	65	7.22	9.27	40	310	12	1.5	11	20	300	0.65	7
34 KamKen	Tributary	4061	64	7.37	8.47	70	280	20	3.0	13	15	1,000	0.60	8
35 Safuga	Tributary	4061	64	7.31	8.48	70	280	20	3.0	13	15	600	0.60	8
36 Kpawaju	Kpawaju	4062	64	7.36	8.17	130	270	35	3.5	8	10	800	0.80	6
37 Ogari(1)	Ogari	4063	64	7.23	8.06	80	280	22	5.0	22	15	1,200	0.60	13
38 Ogari(2)	Ogari	4063	64	7.24	8.16	200	250	50	4.5	20	15	800	0.80	16
39 Takwa	Ahina	4071	54	8.40	8.03	50	300	15	2.0	14	20	500	0.65	9
40 G. Shehu	Tributary	4071	54	8.32	8.03	45	300	14	2.0	14	20	1,500	0.65	9
41 Leizi	Kogin, Doji	4071	54	8.39	8.21	250	240	60	5.0	22	15	1,200	0.80	18
42 Ohina	Ohina	4072	54	8.21	8.17	170	260	44	4.0	37	25	300	0.75	28
43 Kyereku(1)	Kyereku	4072	54	8.15	8.08	210	240	50	3.5	15	15	800	0.80	12
44 Kyereku(2)	Kyereku	4072	54	8.12	8.07	140	250	35	4.5	20	15	1,000	0.65	13
45 Ushongu	Ushongu	4072	54	8.10	8.33	95	270	26	4.0	18	15	1,200	0.65	12
46 Kwagiri	Pynaha	4083	44	9.23	8.11	160	240	38	5.5	40	20	800	0.65	26
47 Dongwa	Dongwa	4083	44	9.22	8.16	80	280	22	3.5	25	20	1,000	0.65	16
48 Kormi	Sanga	4083	44	9.17	8.27	150	250	38	4.0	18	15	800	0.80	14
49 Sanga	Sanga	4083	44	9.20	8.28	400	230	92	8.5	37	15	1,200	0.80	30
Subtotal	-	-	-	-	-	6,330	-	1,589	196	986	-	-	-	680
Total	-	-	-	-	-	10,740	-	2,383	263.5	1,251	-	-	-	882
5. HA-5														
5-1 Proposed by JICA														
1 Ghagede	Tributary	5012	62	7.43	6.47	50	500	25	1.5	14	25	500	1.00	14
2 Onado	Tributary	5013	62	7.26	6.39	130	400	52	4.8	44	25	400	0.80	35
3 Obe	Obe	5013	62	7.04	6.32	290	380	110	8.0	58	20	800	1.00	58
4 Urhobo	Urhobo	5014	71	6.32	6.35	160	400	64	2.5	23	25	700	1.00	23
5 Okupo	Okupo	5020	72	6.51	7.07	100	440	44	2.5	18	20	300	1.00	18
6 Nibo	Tshe	5020	72	6.49	7.11	290	380	110	6.0	55	25	1,000	1.00	55
7 Oforochi	Tributary	5020	62	7.08	6.53	240	390	94	4.5	20	15	500	1.00	20
8 Atapo	Atapo	5032	71	6.11	6.38	70	480	34	3.0	22	20	600	1.00	22
9 Obo	Obo	5032	71	6.08	6.34	90	450	41	2.0	14	20	700	1.00	14
10 Umuleri	Tributary	5041	71	6.16	6.55	40	520	21	2.5	11	15	300	1.00	11
11 Ukw, Abwa	Tributary	5041	71	6.14	6.48	140	420	59	3.0	22	20	300	1.00	22
12 Obibia	Obibia	5041	72	6.09	7.06	20	550	11	1.5	11	20	300	0.80	9
13 Ugbio	Ugbio	5041	72	6.02	7.12	35	540	19	2.5	11	15	500	1.00	11
14 Oji	Oji	5041	72	6.12	7.18	310	360	112	2.5	18	20	600	1.00	18
Total	-	-	-	-	-	1,965	-	794	47	341	-	-	-	330

TABLE 15 PROPOSED LARGE AND MEDIUM DAMS FOR IRRIGATION AND WATER SUPPLY TOWARD 2020 (5/6) (5)

Dam	River	SSHA	Map No. (1/250,000)	Dam Site Location		Reservoir Inflow			Dam Site Outline			Avail. Res. Water		
				Lat.	Long.	Catch. Area (km ²)	Runoff Yield (mm)	Annual Runoff (MCM)	Reservoir Area (km ²)	Active Capacity (MCM)	Dam Height (m)	Dam Length (m)	Rate for Active Cap. (%)	Water Available (MCM)
6 HA-6														
5-1 Proposed by RBDA														
(1) Igangan	Elu	6021	59	7.42	3.12	110	420	46	2.5	18	20	400	1.00	18
(2) Ilora	Itosi	6022	59	7.47	3.47	160	380	61	2.5	18	20	650	1.00	18
(3) Ose	Ose	6023	59	7.35	3.44	190	410	78	3.0	30	30	750	1.00	30
(4) Omi	Omi	6040	59	7.04	3.58	230	400	92	3.0	22	20	500	1.00	22
Subtotal						690		277	11.0	88				88
6-2 Proposed by JICA														
1 Adeniji	Tributary	6021	59	7.47	3.20	140	380	53	4.5	32	20	700	1.00	32
2 Egbebi	Tributary	6021	59	7.51	3.26	180	370	67	2.0	14	20	500	1.00	14
3 Washinmi	Opeki	6021	59	7.47	3.26	80	440	35	3.5	25	20	500	1.00	25
4 Oko	Olooto	6021	59	7.34	3.22	60	480	29	3.0	28	25	700	0.80	22
5 Ohu	Olooto	6021	59	7.35	3.23	430	330	142	6.0	43	20	800	1.00	43
6 Eketa	Tributary	6022	59	7.50	3.45	55	480	26	2.5	23	25	1,000	0.80	18
7 Agida	Avon	6022	59	7.55	3.53	30	520	16	2.0	14	20	800	0.80	11
8 Akimorin	Tributary	6022	59	7.46	3.56	30	520	16	2.0	14	20	800	0.80	11
9 Aba	Ogun	6022	59	7.41	3.34	230	410	94	3.5	25	20	1,000	1.00	25
10 Alapa	Ogun	6022	59	7.38	3.33	30	520	16	1.5	11	20	800	1.00	11
11 Are Ago	Ogun	6022	59	7.37	3.33	30	520	16	1.5	11	20	700	1.00	11
12 Elesin	Avin	6023	59	7.19	3.16	105	420	44	4.0	29	20	700	0.80	23
13 Oyeboode	Opeki	6023	59	7.29	3.20	55	480	26	5.0	36	20	1,200	0.80	29
14 Atops	Atadi	6023	59	7.17	3.27	60	480	29	2.0	14	20	700	1.00	14
15 Cuta	Onigbongbo	6024	59	7.04	3.13	60	480	29	3.5	25	20	400	0.80	20
16 Ibu	Ibu	6040	59	7.04	3.32	260	400	104	6.0	26	15	1,000	1.00	26
17 Olobi	Idero	6040	59	7.07	3.44	60	480	29	2.0	14	20	1,000	1.00	14
18 Ojo	Yesalu	6040	59	7.04	3.41	40	520	21	2.0	14	20	500	1.00	14
19 Bale	Tributary	6040	59	7.01	3.46	40	520	21	2.0	14	20	600	1.00	14
20 Opebi	Opebi	6040	59	7.08	3.55	55	480	26	4.0	29	20	800	0.80	23
21 Mobi	Oba	6051	60	7.52	4.03	50	480	24	2.0	14	20	600	1.00	14
22 Otamakun	Oba	6051	60	7.57	4.08	85	440	37	5.0	36	20	600	0.80	29
23 Ajekale	Oba	6051	60	7.48	4.23	50	480	24	3.0	28	25	800	0.80	22
24 Ifeodan	Oba	6051	60	7.50	4.09	60	480	29	4.0	28	20	800	0.80	22
25 Ljimoba	Oshun	6051	60	7.49	4.19	40	520	21	1.5	11	20	700	1.00	11
26 Llobu	Oshun	6051	60	7.52	4.22	135	380	51	3.0	22	20	700	1.00	22
27 Isaki Igbo	Eyinle	6051	60	7.51	4.26	110	420	46	3.0	22	20	800	1.00	22
28 Idagun	Oshun	6051	60	7.25	4.06	30	520	16	3.0	13	15	100	0.80	10
29 Adokanra	Oshun	6052	60	7.20	4.05	30	520	16	3.5	15	15	500	0.80	12
30 Owena	Owena	6061	60	7.24	4.35	270	360	97	3.0	22	20	500	1.00	22
31 Oni	Oni	6061	60	7.27	4.52	280	360	101	4.0	29	20	1,000	1.00	29
32 Oke Awo	Oni	6061	60	7.49	4.14	55	480	26	3.0	13	15	500	1.00	13
33 Ogbesse	Ogbesse	6061	61	7.25	5.22	95	420	40	4.0	18	15	900	1.00	18
34 Polorunduro	Ogbesse	6080	61	7.20	5.25	40	520	21	3.0	13	15	700	1.00	13
35 Ofosun	Ofosun	6080	61	7.06	5.13	125	380	48	6.5	45	20	600	0.80	36
36 Ala	Ala	6080	61	7.07	5.21	280	360	101	4.5	20	15	500	1.00	20
37 Okhuo	Okhuo	6080	70	6.34	5.37	200	380	76	3.0	28	25	300		22
Subtotal						3,965		1,611	121.5	818				739
Total						4,655		1,888	132.5	906				827
7 HA-7														
7-1 Proposed by RBDA														
1 Okete	Okete	7010	63	7.10	7.55	70	500	35	3.5	15	20	490	1.00	15
2 Ajide-Eko	Eke	7032	72	6.36	7.54	200	380	76	15.0	66	15	280	0.80	53
3 Emezu	Ora	7032	72	6.34	7.45	540	320	173	10.0	90	25	1,500	1.00	90
4 Ibu	Ino	7052	79			60	400	24	8.0	56	20	1000	0.8	45
Subtotal						810		284	28.5	171				158

Table 15 Proposed Large and Medium Dam for Irrigation and Water Supply Toward 2020 (6/6)

(6)

Dam	River	SSHA	Map No. (1/250,000)	Dam Site Location		Reservoir Inflow			Dam Site Outline				Avail. Res. Water	
				Lat.	Long.	Catch. Area (km ²)	Runoff Yield (mm)	Annual Runoff (MCM)	Reservoir Area (km ²)	Active Capacity (MCM)	Dam Height (m)	Dam Length (m)	Rate for Available Active Cap. (%)	Water (MCM)
7-2 Proposed by JICA														
1 Panbele	Panbele	7010	64	7.11	8.20	80	480	38	2.0	9	15	700	1.00	9
2 Ombi	Ombi	7010	64	7.10	8.24	330	360	119	8.0	35	15	1,200	1.00	35
3 Ugboba	Ugboba	7010	64	7.04	8.24	60	510	31	3.0	13	15	600	1.00	13
4 Ogege	Ogege	7010	73	6.50	8.10	250	370	93	5.0	22	15	400	1.00	22
5 Adam East	Avn	7010	73	6.58	8.17	30	560	17	3.5	15	15	600	0.80	12
6 Ieheri	Ieheri	7010	73	6.43	8.03	35	540	19	2.5	11	15	1,000	1.00	11
7 Ogwuavu	Ogwuavn	7010	73	6.32	8.02	30	560	17	2.5	11	15	200	1.00	11
8 Ogbogbo(1)	Ogbogbo	7010	73	6.33	8.05	60	510	31	2.5	11	15	700	1.00	11
9 Ogbogbo(2)	Ogbogbo	7010	73	6.33	8.07	55	510	28	3.0	13	15	600	1.00	13
10 Abe	Abe	7010	73	6.36	8.23	70	500	35	3.0	13	15	300	1.00	13
11 Gumacha	Gumacha	7021	64	7.25	8.50	120	440	53	3.0	13	15	700	1.00	13
12 Uwebende	Uwebende	7021	64	7.11	8.47	140	400	56	10.0	44	15	700	0.80	35
13 Konshisha	Konshisha	7021	64	7.11	8.50	220	380	84	10.0	44	15	1,200	1.00	44
14 Ukyoha	Ukyoha	7021	64	7.07	8.56	160	400	64	2.5	11	15	800	1.00	11
15 Kaakya	Kaakya	7021	64	7.05	8.50	55	510	28	2.5	11	15	700	1.00	11
16 Adam	Konshisha	7021	73	6.50	8.35	30	560	17	2.5	11	15	1,000	0.80	9
17 Moi	Moi	7021	73	6.34	8.44	150	400	60	5.0	22	15	300	1.00	22
18 Monaya	Monaya	7021	73	6.40	8.48	120	440	53	2.5	11	15	300	1.00	11
19 Akpoga	Aboine	7021	72	6.49	7.40	95	450	43	3.0	13	20	500	1.00	13
20 Ikem	Aboine	7021	72	6.48	7.38	150	400	60	3.5	15	15	700	1.00	15
21 Agala	Aboine	7021	72	6.38	7.51	50	520	26	4.5	20	15	1,000	0.80	16
22 Okpoto	Aboine	7032	72	6.23	7.52	50	520	26	2.5	11	15	900	1.00	11
23 Ndeaboh	Asu	7032	72	6.02	7.33	110	440	48	3.5	15	15	500	1.00	15
24 Eneagu	Asu	7032	72	6.05	7.47	40	520	21	2.0	9	15	1,000	1.00	9
25 Ubei	Ukei	7060	79	5.49	7.54	150	400	60	12.0	53	15	500	0.80	42
Subtotal	-	-	-	-	-	2,640	-	1,124	104.0	456	-	-	-	427
Total	-	-	-	-	-	3,450	-	1,408	132.5	627	-	-	-	585
Note: Proposed dams by RBDA, SWA and MANR in the above list are selected from those identified by Inventory Survey taking into account the economical viability. In addition, the proposed dams without dimension in Inventory Survey are excluded from the above list.														

Table 16 Existing Large Scale Irrigation Projects (1/2)

(1)

Project	State	River	SSHA No.	Agency	Water Source Works	Irrigation Area			Irrigation Service			
						Agency Planned (ha)	JICA Evaluated (ha)	System Developed (ha)	Service Area (ha)	Cropped Area (ha)	Intensity (%)	
1. HA-1												
1 Ajiwa	Katsina		1000	MANR	Pump	1,900	1,900	500	500	500	100	
2 Jibiya	Katsina	Gada	1010	S-RRBDA	Dam	3,450	3,000	3,000	160	160	100	
3 Zobe	Katsina	Karaduwa	1021	S-RRBDA	Dam	8,200	5,200	50	100	100	100	
4 Bakolori	Sokoto	Sokoto	1042	S-RRBDA	Dam	23,000	23,000	6,000	4,200	4,200	100	
5 Wurno	Sokoto	Rima	1052	MANR	Dam	1,500	1,200	800	800	800	100	
6 Middle Rima Valley	Sokoto	Rima	1052	S-RRBDA	Dam	6,500	5,300	0	100	100	100	
7 Zauru Polder	Kebbi	Rima	1072	S-RRBDA	Dam	13,000	11,200	100	50	50	100	
8 Wara	Kebbi	Kainji Lake	1113	MANR	Pump	2,000	2,000	200	200	200	100	
9 Swashi Valley	Niger	Swashi	1140	NRBDA	Dam	2,700	2,700	500	520	520	100	
Sub-total	-	-	-	-	-	62,250	55,500	11,150	6,630	6,630	100	
2. HA-2												
1 Duku-Lade	Kwara		2000	MANR	Pump	2,000	2,000	200	50	50	100	
2 Kontagora	Niger	Kontagora	2031	NRBDA	Dam	11,200	12,400	100	0	0	-	
3 Bacita	Niger	Niger	2051	NSC	Pump	5,690	5,690	5,690	5,690	5,690	100	
4 Omu-Aran	Kwara	Oshin	2051	NRBDA	Dam	1,300	1,300	400	230	230	100	
5 Tada Shonga	Niger	Niger	2052	NRBDA	Pump	3,200	3,200	50	50	50	100	
6 Rabba	Niger	Niger	2072	MANR	Pump	2,000	2,000	110	110	220	200	
7 Guzan	Niger	Yiko	2073	MANR	Dam	1,500	900	400	400	400	100	
8 Kpada	Kwara	Kampe	2081	NRBDA	Dam	1,500	700	150	150	150	100	
9 Omi	Kogi	Oyi	2081	NRBDA	Dam	4,100	4,100	0	0	0	-	
10 Ikaile	Kwara	Kampe	2081	NRBDA	Intake	2,700	2,700	300	300	420	140	
11 Kagoro	Kaduna	Kogun	2121	MANR	Intake	1,000	1,000	80	40	40	100	
12 Kangimi	Kaduna	Kangimi	2122	MANR	Dam	1,600	1,900	1,200	120	120	100	
13 E.Lapai	Niger	Estan	2141	MANR	Pump	2,000	2,000	100	100	100	100	
14 Bakogi	Niger	Bakogi	2141	MANR	Pump	2,000	2,000	100	100	100	100	
15 Edozhigi	Niger	Kupanko/Ejiko	2143	MANR	Intake	1,000	1,000	750	750	750	100	
16 Doko	Niger	Kaduna	2143	NRBDA	Pump	3,000	3,000	530	530	530	100	
Sub-total	-	-	-	-	-	45,790	45,890	10,160	8,620	8,850	103	
3. HA-3												
1 Lake Geriyo	Adamawa	Benue	3022	UBREDA	Pump	1,200	1,200	250	250	250	100	
2 Savannah	Adamawa	Gongola	3034	SSC	Dam	12,000	13,600	6,000	6,000	6,000	100	
3 Waya	Bauchi		3042	UBREDA	Dam	2,000	2,000	200	0	0	-	
4 Ngalda	Yobe	Gongola	3042	CBDA	Pump	1,000	1,000	200	200	200	100	
5 Dadin Kowa	Bauchi	Gongola	3050	UBREDA	Dam	38,000	0	0	0	0	-	
6 Balanga	Bauchi	Balanga	3050	MANR	Dam	4,000	2,800	2,200	2,200	2,200	100	
7 Gassol	Taraba	Taraba	3112	UBREDA	Pump	3,000	3,000	750	300	300	100	
Sub-total	-	-	-	-	-	61,200	23,600	9,600	8,950	8,950	100	
4. HA-4												
1 Obagaji	Benue		4005	LBREDA	Pump	1,000	1,000	500	0	0	0	
2 Shendam(1)	Plateau		4011	LBREDA	Dam	1,000	1,000	500	0	0	0	
3 Longkat	Plateau	Shemankar	4011	LBREDA	Pump	1,500	1,500	800	150	0	0	
4 Dep	Plateau		4030	LBREDA	Pump	2,200	2,200	500	450	150	33	
5 Katsina-Ala	Benue	Katsina-Ala	4052	LBREDA	Pump	2,500	2,500	200	50	100	200	
6 Makurdi	Benue	Benue	4061	LBREDA	Pump	1,500	1,500	500	150	300	200	
7 Doma	Plateau	Doma	4072	LBREDA	Dam	2,000	2,000	1,760	250	100	40	
Sub-total	-	-	-	-	-	11,700	11,700	4,760	1,050	650	52	
5. HA-5												
1 Ejule Ogebe	Kogi	Lake Ota	5020	LBREDA	Pump	2,500	2,500	200	200	200	100	
2 Oforachi	Kogi	Ofu	5020	LBREDA	Pump	1,500	1,500	100	100	100	100	
3 Lower Anambra	Anambra	Anambra	5020	A-IREDA	Pump	5,000	3,000	3,850	3,000	6,000	200	
4 Ilushi	Edo	Niger	5031	B-OREDA	Pump	5,000	5,000	50	100	100	100	
5 Ewu	Delta	Forcados	5032	NREDA	Pump	-	1,500	100	100	200	200	
6 Adani Uzo Uwani	Enugu	Anambra	5041	A-IREDA	Pump	1,800	1,800	350	350	350	100	
7 Perenabiri	Rivers	Brass	5050	NREDA	Pump	2,500	2,500	350	350	700	200	
Sub-total	-	-	-	-	-	18,300	17,800	5,000	4,200	7,650	182	

Table 16 Existing Large Scale Irrigation Projects (2/2)

(2)

Project	State	River	SSHA No.	Agency	Water Source Works	Irrigation Area				Irrigation Service			Intensity (%)
						Agency Planned (ha)	JICA Evaluated (ha)	System Developed (ha)	Service Area (ha)	Cropped Area (ha)			
6. HA-6													
1 Ilero			6020	0-ORBDA	Dam	-	2,000	-	-	-	-	-	-
2 Upper Ogun	Oyo	Oye	6021	0-ORBDA	Dam	2,000	2,000	10	0	0	0	-	-
3 Ofiki(A)	Oyo	Ofiki	6021	0-ORBDA	Dam	2,000	2,000	20	10	20	20	200	200
4 Middle Ogun(I.G)	Oyo	Ogun	6022	0-ORBDA	Dam	12,000	12,000	0	0	0	0	-	-
5 Sepeteri(A)	Oyo	Owutu	6022	0-ORBDA	Dam	2,000	2,000	20	10	20	20	200	200
6 Lower Ogun	Ogun	Oyan	6023	0-ORBDA	Dam	12,500	12,000	340	340	680	680	200	200
7 Mokoloki	Ogun	Ogun	6024	0-ORBDA	Dam	3,500	3,500	600	600	300	300	50	50
8 Yewa	Oyo	Ogun	6031	0-ORBDA	Pump	1,100	1,100	0	0	0	0	-	-
9 Otta	Ogun	Ore	6032	0-ORBDA	Pump	1,000	1,000	50	50	100	100	200	200
10 Eyinwa	Ogun	Ona	6040	0-ORBDA	Intake	1,000	1,000	520	520	100	100	19	19
11 Ewulu	Delta	Asinru	6100	B-ORBDA	Pump	-	1,000	30	30	60	60	200	200
Sub-total	-	-	-	-	-	37,100	39,600	1,590	1,560	1,280	1,280	82	82
7. HA-7													
1 Obadu	Aya	Asa	7022	CREBDA	Dam	10,000	1,000	0	0	0	0	-	-
2 Igberere	Abia	Igwu	7060	MANR	Dam	1,300	1,300	250	250	250	250	100	100
3 Mbiabet	Akwa Ibom	Cross	7060	Ak. Rice Ltd	Pump	3,000	3,000	300	300	300	300	100	100
Sub-total	-	-	-	-	-	14,300	5,300	550	550	550	550	100	100
8. HA-8													
1 Gari	Kano	Gari	8021	MANR	Dam	4,100	4,200	950	950	1,900	1,900	200	200
2 Jakarade	Jigawa	Gari	8021	MANR	Dam	2,000	2,000	160	160	160	160	100	100
3 Tomas	Kano	Tomas	8022	WRECA	Dam	1,100	2,300	400	400	800	800	200	200
4 Jakara	Kano	Jakara	8024	MANR	Dam	2,000	2,000	50	50	100	100	200	200
5 Watari	Kano	Watari	8033	WRECA	Dam	1,700	1,900	70	70	70	70	100	100
6 Kano River Phase I	Kano	Kano	8042	H-JREDA	Dam	22,000	22,000	14,000	14,000	24,000	24,000	171	171
7 Galala	Bauchi	Galala	8052	H-JREDA	Dam	2,500	1,500	0	0	0	0	-	-
8 K.R.P. II	Kano	Hadejia	8072	H-JREDA	Dam	40,000	4,000	0	0	0	0	-	-
9 Hadejia Valley	Jigawa	Hadejia	8073	H-JREDA	Dam	12,500	12,500	500	500	500	500	100	100
10 Abir	Jigawa	Hadejia	8073	MANR	Pump	1,000	1,000	130	130	130	130	100	100
11 Gashua	Borno	Yobe	8092	CBDA	Pump	1,000	1,000	250	250	500	500	200	200
12 Yobe	Borno	Yobe	8110	MANR	Pump	1,600	1,600	700	700	1,400	1,400	200	200
13 Baga(Kirenowa)	Borno	Lake Chad	8120	CBDA	Pump	20,000	1,000	500	500	500	500	100	100
14 South Chad	Borno	Lake Chad	8122	CBDA	Pump	67,000	22,000	22,000	7,000	7,000	7,000	100	100
15 Jere Bowl Rice	Borno	Ngadda	8133	CBDA	Dam	2,000	1,300	0	0	0	0	-	-
Sub-total	-	-	-	-	-	180,500	80,300	39,710	24,710	37,060	37,060	150	150
Total	-	-	-	-	-	431,140	279,690	82,520	56,270	71,620	71,620	127	127

TABLE 17 EXISTING MEDIUM AND SMALL SCALE IRRIGATION PROJECTS (1/3)

(1)

Project	State	River	SSHA No.	Agency	Water Source Works	Irrigation Area				Irrigation Service		
						Agency Planned (ha)	JICA Evaluated (ha)	System Developed (ha)	Service Area (ha)	Cropped Area (ha)	Intensity (%)	
1. HA-1												
1 Makera	Katsina	Karaduwa	1021	MANR	Pump	300	300	100	100	100	100	100
2 Gagere	Katsina	Gagere	1030	MANR	Weir	100	100					
3 Bakura	Sokoto	Lake Natu	1042	MANR	Pump	50	50	50	50	50	50	100
4 Kware	Sokoto	Rima	1052	MANR	Pump	800	800	120	120	120	120	100
5 Kalmalo	Sokoto	Kalmalo	1071	MANR	Pump	800	800	230	230	230	230	100
6 Rijau	Niger	Butulu	1104	NERDA	Dam	100	100	100	100	100	100	100
7 Nasko	Niger	Shodogulbi	1111	NERDA	Dam	200	200	200	200	200	200	100
8 Irijo	Kebbi	Gwanare	1131	MANR	Dam	120	120					
9 Gafara	Niger	Kainji Lake	1135	MANR	Pump	800	800	150	150	150	150	100
10 Dongongari	Niger	Kainji Lake	1140	NERDA	Pump	320	320	320	320	320	320	100
Sub-total						3,590	3,590	1,270	1,270	1,270	1,270	100
2. HA-2												
1 Birnin Gwari	Kaduna	Kushari	2010	MANR	Pump	430	430	50	50	50	50	100
2 Kogun	Kaduna	Kogun	2020	MANR	Pump	400	400	50	50	50	50	100
3 Nasarawa	Niger	Kontagora	2031	NERDA	Pump	500	500	500	500	500	500	100
4 Oke Oyi	Kwara	Oyi	2052	NERDA	Weir	500	500	140	140	90	90	100
5 Lafiagi	Kwara	Oro	2053	NERDA	Pump	500	500	100	100	100	100	100
6 Oro-Ago	Kwara	Oro	2053	NERDA	Pump	500	500	80	80	80	80	100
7 Ero	Kwara	Ogbese	2053	SWA	Dam	2,000	500	60	60	60	120	200
8 Bagoma	Niger	Kusheriki	2060	MANR	Dam	500	500	50	50	50	50	100
9 Zara	Niger	Zara	2060	MANR	Pump	500	500	50	50	50	50	100
10 Duro-Gakpan	Kwara	Niger	2081	NERDA	Pump	500	500	90	90	90	90	100
11 Apariko	Ondo	Apariko	2081	MANR	Dam	250	250	0	0	0	0	
12 Kidandar	Kaduna	Tubo	2091	MANR	Dam	200	200	40	40	40	40	100
13 Tubo	Kaduna	Tubo	2091	MANR	Pump	600	600	100	100	100	100	100
14 Kerawa	Kaduna	Tubo	2091	NERDA	Dam	100	100	100	100	100	100	100
15 S.Birni	Kaduna	Tubo	2091	MANR	Intake	200	200	40	40	40	40	100
16 Manta	Niger	Kaduna	2102	MANR	Pump	500	500	300	300	300	300	100
17 Shika	Kaduna	Galma	2111	MANR	Intake	140	140	40	40	40	40	100
18 Kuzuntu	Kaduna	Galma	2111	MANR	Intake	300	300	60	60	60	60	100
19 Dawanta	Kaduna	Galma	2111	MANR	Weir	100	100	40	40	40	40	100
20 Lere	Kaduna	Karami	2112	MANR	Weir	200	200	40	40	40	40	100
21 G.Kurama	Kaduna	K.Kuri	2121	MANR	Dam	200	200	40	40	40	40	100
22 Badeggi	Niger	Gbako	2141	NSADP	Pump	830	830	830	830	830	830	100
23 Tungan Kawo	Niger	Ubandawaki	2142	NERDA	Dam	800	800	800	800	400	400	100
Sub-total						10,750	9,250	3,510	3,130	3,130	3,190	102
3. HA-3												
1 Kushimaga	Yobe	Gongola	3033	CBDA	Pump	500	500	200	200	200	200	100
2 Vegfru	Borno	Gongola	3033	VEGFRU	Pump	300	300	300	300	300	300	
3 Tallum	Adamawa	Gongola	3052	UBREDA	Dam	400	400	160	160	160	160	100
4 Cham	Fauchi	Cham	3060	UBREDA	Dam	250	250	150	150	150	150	100
5 Wase	Plateau	Wase	3102	LERBDA	Pump	500	500	100	100	0	0	
6 Donga(1)	Taraba	Donga	3140	MANR	Pump	110	110	60	60	40	40	100
Sub-total						2,060	2,060	970	850	850	850	100
4. HA-4												
1 Garawuri(1)	Plateau	Gwasai	4030	MANR	Pump	150	150	130	100	100	100	100
2 Gidan Adamu	Plateau	Yashi	4030	MANR	Pump	100	100	30	20	30	30	150
3 Awe	Plateau	Dep	4030	LERBDA	Pump	500	500	0	0	0	0	
4 Awuma	Plateau	Awuma	4041	MANR	Pump	70	70	20	20	20	20	100
5 Jato-Aka	Benue	Katsina-Ala	4051	LERBDA	Pump	450	450	150	150	150	100	67
6 Akata	Benue	Katsina-Ala	4053	MANR	Pump	80	80	10	10	10	10	100
7 Naka	Benue	Ara	4063	LERBDA	Dam	600	600	50	50	50	50	50
8 Mu	Benue	Mu	4065	MANR	Pump	100	100	60	60	60	60	100
9 Umogidi	Benue	Ogabaka	4065	LERBDA	Dam	500	500	0	0	0	0	
10 Oguma	Kogi	Benue	4094	LERBDA	Pump	500	500	100	100	100	200	200

TABLE 17 EXISTING MEDIUM AND SMALL SCALE IRRIGATION PROJECTS (2/3)

(2)

Project	State	River	SSHA No.	Agency	Water Source Works	Irrigation Area			Irrigation Service			Intensity (%)
						Agency Planned (ha)	JICA Evaluated (ha)	System Developed (ha)	Service Area (ha)	Cropped Area (ha)		
Sub-total	-	-	-	-	-	3,050	3,050	560	510	570	112	
5.HA-5												
1 Ukun/Erah	Edo	Erah	5014	NDBDA	Dam	250	250	0	0	0	-	
2 Egume	Kaduna	Eruku	5020	LBRBDA	Pump	100	100	100	90	100	111	
3 Adoru	Kogi	Oweh	5020	LBRBDA	Intake	500	500	100	80	130	163	
4 Ifite Ogwari	Enugu	Anambra	5020	MANR	Intake	120	120	120	30	30	100	
5 Ogboji	Anambra	Mamu	5041	MANR	Intake	130	130	30	30	30	100	
6 Enugu Abo Ufuwa	Enugu	Mamu	5041	MANR	Weir	350	350	350	30	30	100	
7 Anyama-Ogbia	Rivers	Nan	5042	NDBDA	Pump	100	100	100	100	200	200	
8 Otukpoti	Rivers	Nun	5042	NDBDA	Pump	100	100	50	50	100	200	
9 Kpong	Rivers	Andoni	5050	NDBDA	Pump	200	200	90	90	180	200	
Sub-total	-	-	-	-	-	1,850	1,850	940	500	800	160	
6.HA-6												
1 Ofiki(B)	Oyo	Ofiki	6021	0-ORBDA	Dam	100	100	10	10	10	100	
2 Sepeteri(B)	Oyo	Agbado Osorun	6022	0-ORBDA	Dam	400	400	0	0	0	-	
3 Oke-Odan	Ogun	Yewa	6031	0-ORBDA	Dam	700	700	10	10	20	200	
4 Eniosa	Osun	Omi	6040	0-ORBDA	Intake	400	400	-	-	-	-	
5 Asa	Osun	Oye	6051	MANR	Intake	400	400	100	100	-	-	
6 Okuku	Osun	Ennle	6051	MANR	Intake	400	400	100	100	-	-	
7 Osun Ekiti	Ondo	Awo	6051	MANR	Intake	420	420	100	100	-	-	
8 Upper Sasa	Oyo	Sasa	6060		Pump	600	600	-	-	-	-	
9 Ipetu-Jesha	Oni		6061	MANR	Intake	250	250	100	100	-	-	
10 Oogi	Osun	Erintu	6061	MANR	Intake	350	350	100	100	-	-	
11 Owena	Ondo	Owena	6070	SWA	Dam	200	200	0	0	0	-	
12 Itoikin	Lagos	Aye	6091	0-ORBDA	Intake	1300	140	140	140	280	200	
13 Igbonla	Lagos	Osun	6092	0-ORBDA	Intake	2000	150	130	130	150	115	
Sub-total	-	-	-	-	-	7,520	4,510	790	790	460	58	
7.HA-7												
1 Iboko	Enugu	Abaine	7010	MANR	Intake	300	300	30	30	30	-	
2 Ogoja	Cross River	Ayo	7022	CRBDA	Pump	250	250	10	10	10	-	
3 Akaeze	Abia	Asu	7033	MANR	Dam	200	200	200	100	100	-	
4 Obubra	Cross River	Cross	7043	CRBDA	Pump	500	500	20	20	40	200	
5 Ihitti-Uboma	Imo		7051	MANR	Weir	310	310	310	200	200	100	
6 Umlopara	Abia	Imo	7052	MANR		200	200	120	100	100	-	
7 Abak	Akwa Ibom	Abak	7054	CRBDA	Pump	70	70	70	70	140	200	
8 Nung Obong	Akwa Ibom	Ubium	7054	MANR	Pump	200	200	100	100	100	100	
9 Pende	Abia	Igwu	7060	A-IRBDA	Intake	300	300	150	150	150	100	
10 Owutu	Abia	Asu	7060	MANR		480	480	280	280	280	-	
11 Umuhu	Abia	Igwu	7060	MANR		400	400	200	200	200	100	
12 Ohafia	Abia	Igwu	7060	A-IRBDA	Intake	300	300	20	20	20	100	
13 Ndiebe	Abia	Igwu	7060	MANR		200	200	100	100	100	-	
14 Uzuabam	Abia	Igwu	7060	MANR		150	150	70	50	50	-	
15 Eko	Akwa Ibom	Enyang	7060	MANR	Pump	500	500	80	30	30	100	
16 Idina	Abia	Igwu	7060	MANR		150	150	150	50	50	-	
Sub-total	-	-	-	-	-	4,510	4,510	1,910	1,510	1,600	106	
8.HA-8												
1 Dembo	Jigawa	Gari	8021	MANR	Dam	700	700	60	60	-	-	
2 Guzugu	Kano	Guzugu	8032	MANR	Dam	530	530	530	0	0	-	
3 Magaga	Kano	Magaga	8032	MANR	Dam	600	600	100	100	-	-	
4 Tudun Wada	Kano	Waina	8041	MANR	Dam	360	360	-	-	-	-	
5 Bagauda	Kano		8042	MANR	Dam	610	610	300	300	-	-	
6 Diva	Bauchi	Lake Diva	8050	MANR	Lake	250	250	30	30	50	167	
7 Macadumba	Bauchi	Lake Macadumb	8050	MANR	Lake	250	250	20	20	40	200	
8 K.Gana	Jigawa	Katagun	8060	MANR	Dam	60	60	40	40	-	-	
9 Kafin Chiri	Kano	Jatau	8071	MANR	Dam	660	660	0	0	0	-	
10 Hantsu	Jigawa	Hadejia	8072	MANR	Pump	320	320	30	30	-	-	

Table 17 Existing Medium and Small Scale Irrigation Projects (3/3)

(3)

Project	State	River	SSHA No.	Agency	Water Source Works	Irrigation Area			Irrigation Service			Intensity (%)
						Agency Planned (ha)	JICA Evaluated (ha)	System Developed (ha)	Service Area (ha)	Cropped Area (ha)		
11 Aguja	Jigawa	Hadejia	8072	MANR	Pump	700	700	120	120	-	-	-
12 Warwade	Jigawa	Keffin Hausa	8072	MANR	Dam	200	200	40	40	-	-	-
13 Jaffi	Borno	Yobe	8110	MANR	Pump	800	800	30	30	50	167	167
14 Damasak	Borno	Yobe	8110	MANR	Pump	100	100		30	50	167	167
15 Gaboru	Borno	Ebeii	8130	CREDA	Pump	400	400	300	150	300	200	200
16 Yau	Borno		8140	MANR	Pump	420	420	420	200	200	100	100
17 Gari Abdullahi	Borno		8140	MANR	Pump	750	750					
18 Abadam	Borno		8140	MANR	Pump	250	260	260	120	120	100	100
19 Daya	Borno		8140	MANR	Pump	960	960	960	400	400	100	100
20 South Chad Pilot	Borno	Ebeii	8140	CREDA	Pump	800	800	800	800	1,600	200	200
Sub-total	-	-	-	-	-	9,730	9,730	4,040	2,470	2,810	114	114
Total	-	-	-	-	-	43,060	38,550	13,980	11,030	11,550	105	105
Note: In addition to the above, the following existing projects are reported by CREDA after submission of Draft Final Report/												
1 Ieu	A.Ibom	Cross	7006	CREDA	Pump	1,265	-	-	-	-	-	-
2 Utuma	Cross River	Cross	7006	CREDA	Pump	1,920	-	-	-	-	-	-
3 Urva	Cross River	Cross	7006	CREDA	Pump	500	-	-	-	-	-	-
4 Nkari	A.Ibom	Idim Ibom	7006	CREDA	Dam	2,000	-	-	-	-	-	-
5 Ijegu Yala	Cross River	Okupaku	7021	CREDA	Dam	2,500	-	6	6	12	200	200
6 Obubra	Cross River	Cross	7043	CREDA	Pump	500	-	17	17	34	200	200
7 Oniong Nung Ndem	A.Ibom	Qua Iboe	7054	CREDA	Pump	1,200	-	-	-	-	-	-
8 Asang Eniong	Cross River	Cross	7071	CREDA	Pump	10,000	-	10	10	-	-	-
9 Uwet	Cross River	Cross	7071	CREDA	Pump	2,000	-	-	-	-	-	-