

**D.Table 5.3-1 (1/7)**

Tel. Zone	Population	SW Cap	Subscriber	Waiter	8th5y	Total demand	Potential	Micro D	Micro D	Micro D	Micro D	Micro D	Micro D	Micro D	
								2,000	2,003	2,005	2,007	2,010	2,015	2,020	
	203,579														
<b>Central</b>	286,049	34,582	2,857			39,719	42,576	42,576	47,456	51,045	56,328	61,611	74,151	88,285	
<b>West</b>	347,890	67,981	37,635	27,441	8,750	63,146	90,138	99,400	110,793	119,173	131,507	143,840	173,116	206,115	
<b>EAAZ</b>	387,766	68,304	46,225	3,649	8,500	49,824	53,457	64,188	71,545	76,957	84,921	92,885	111,791	133,100	
<b>NAAZ</b>	626,248	69,030	37,204	15,799	15,000	53,056	68,871	82,645	92,118	99,085	109,340	119,594	143,936	171,372	
<b>South</b>	304,953	71,868	35,696	26,480	10,000	62,176	88,656	102,508	114,257	122,899	135,618	148,337	178,528	212,559	
<b>S.West</b>	415,519	72,106	23,756	17,610		36,918	53,804	64,565	71,965	77,408	85,419	93,430	112,447	133,881	
<b>Total</b>	2,572,004	383,871	183,373	90,979	42,250	304,839	397,502	455,881	508,135	546,569	603,133	659,697	793,968	945,312	

**D.Table 5.3-1 (2/7)**

Tel. Zone	Ex. Name	Area	Population	SW Cap	Subscriber	Waiver	8th5y	Total demand	Micro D	Micro D	Micro D	Micro D	Micro D	Micro D	Micro D
			Estimated						2,000	2,003	2,005	2,007	2,010	2,015	2,020
Central	Filwoha II	Z02-W21		10,000	8,603	2,857	10,000	39,719	42,576	47,456	51,045	56,328	61,611	74,151	88,285
Central	Filwoha III	Z02-W21		11,856	11,332										
Central	Filwoha IV(A)	Z02-W21		10,000	3,660	0									
Central	Filwoha IV(B)	Z02-W21		10,000	9,178										
Central	Filwoha IV(C)	Z02-W21		10,000	4,089										
Central	Total		286,049	51,856	36,862	2,857	10,000	39,719	42,576	47,456	51,045	56,328	61,611	74,151	88,285

**D.Table 5.3-1 (3/7)**

Starting Model  
Addis Ababa

Tel. Zone	Ex. Name	Area	Via	TRX	Population Estimated	Population 2,000	SW Cap	Subscriber	Waiter	8th5y	Total demand	Potential	Micro D 2,000	Micro D 2,003	Micro D 2,005	Micro D 2,007	Micro D 2,010	Micro D 2,015	Micro D 2,020
S.West	Old Airport I	Z02-W23					29,184	12,231	9,576		21,807	31383	37,660	41,976	45,151	49,824	54,496	65,588	78,091
S.West	Old Airport II	Z02-W23																	
S.West	Old Airport III	Z02-W23																	
S.West	Agena	SNNP	Ghion	VHF	3,114	218,054	50	17	5		22	27	32	36	39	43	47	56	67
S.West	Alemgena	ORM	Ghion	DRM	5,747	147,303	100	48	394	750	442	836	1,003	1,118	1,203	1,327	1,452	1,747	2,080
S.West	Amaya	ORM	Ghion	VHF	3,622	106,345	20	9	12		21	33	40	44	47	52	57	69	82
S.West	Arbu Chululae	ORM	Ghion	VHF	1,325	67,872	20	7	9		16	25	30	33	36	40	43	52	62
S.West	Arekit	SNNP	W.Ghion	VHF	2,289	296,301	20	13	28		41	69	83	92	99	110	120	144	172
S.West	Asgori	ORM	Ghion	VHF	3,138	57,905	20	17	42		59	101	121	135	145	160	175	211	251
S.West	Ayer Tina		Ghion				3,000	2000	3000	4000	5,000	8000	9,600	10,700	11,510	12,701	13,892	16,719	19,906
S.West	Bussa	ORM	Ghion	DRM	1,209	70,596	20	0	40		40	80	96	107	115	127	139	167	199
S.West	Cheza Sefer	SNNP	W.Ghion	VHF	5,861	202,357	20	0	14		14	28	34	37	40	44	49	59	70
S.West	Chitu	ORM	Ghion	VHF	1,087	95,263	20	10	51		61	112	134	150	161	178	194	234	279
S.West	Dillela	ORM	Ghion	VHF	2,944	226,099	100	10	20		30	50	60	67	72	79	87	104	124
S.West	Endibir	SNNP	W.Ghion	VHF	2,765	143,243	50	44	76		120	196	235	262	282	311	340	410	488
S.West	Ghion (Welliso)	ORM	Ghion	M.W	31,475		2,000	862	449		1,311	1760	2,112	2,354	2,532	2,794	3,056	3,678	4,379
S.West	Gubro	SNNP	W.Ghion	VHF	1,795	143,234	20	0	27		27	54	65	72	78	86	94	113	134
S.West	Gunchire	SNNP	Welk,Hossana	VHF	2,106	241,955	20	14	35		49	84	101	112	121	133	146	176	209
S.West	Keranyo						3,000	2,500	1000		3,500	4500	5,400	6,019	6,474	7,144	7,814	9,405	11,197
S.West	Mehal Amba	SNNP	Ghion	DRM	1,158	83,484	20	0	38		38	76	91	102	109	121	132	159	189
S.West	Mekanisa						2,000	1000	1000		2,000	3000	3,600	4,013	4,316	4,763	5,209	6,270	7,465
S.West	Tefki	ORM	Ghion	DRM	2,928		50	11	20		31	51	61	68	73	81	89	107	127
S.West	Teji	ORM	Ghion	DRM	2,804		100	52	43		95	138	166	185	199	219	240	288	343
S.West	Tole	ORM	W.Ghion	UHF	3,728		100	0	0		0	0	0	0	0	0	0	0	0
S.West	Tulu Bolo	ORM	Ghion	DRM	9,892		100	57	228		285	513	616	686	738	814	891	1,072	1,277
S.West	Wolkite	SNNP	Wolkite	DRM	18,928	145,216	2,000	1,130	779		1,909	2688	3,226	3,595	3,867	4,267	4,668	5,618	6,689
	<b>Total</b>				107,915	2,245,227	42,034	20,032	16,886		36,918	53,804	64,565	71,965	77,408	85,419	93,430	112,447	133,881

**D.Table 5.3-1 (4/7)**

Starting Model

Addis Ababa

Tel. Zone	Ex. Name	Area	Via	TRX	2,000	2,000	SW Cap	Subscriber	Waiter	8th5y	Total demand	Potential	Micro D	Micro D	Micro D	Micro D	Micro D	Micro D	Micro D
					Population Estimated	Population Wereda							2,000	2,003	2,005	2,007	2,010	2,015	2,020
EAAZ	Bole I	Z03-W17					10,000	23,494	210		23,704	23914	28,697	31,986	34,405	37,966	41,527	49,979	59,505
EAAZ	Bole III	Z03-W17					20,480				0	0	0	0	0	0	0	0	0
EAAZ	Bole IV	Z03-W17									0	0	0	0	0	0	0	0	0
EAAZ	Bole Michael	Z03-W17					3,000	2220	600	2000	2,820	3420	4,104	4,574	4,920	5,430	5,939	7,148	8,510
EAAZ	Aleltu	ORM	D.Berhar	L.Lin	5,260	148,180	20	14	2		16	18	22	24	26	29	31	38	45
EAAZ	Aliyu Amba	AMH	D.Berhar	DRM	1,953		50	4	0		4	4	5	5	6	6	7	8	10
EAAZ	Ankober(Gorebe)	AMH	D.Berhar	DRM	1,632		50	12	1		13	14	17	19	20	22	24	29	35
EAAZ	Armania	AMH	D.Berhar	DRM	2,090		20	2	0		2	2	2	3	3	3	3	4	5
EAAZ	Beke Mariam	ORM	D.Berhar	DRM	2,357	148,180	50	19	1		20	21	25	28	30	33	36	44	52
EAAZ	Chacha	AMH	D.Berhar	DRM	2,908		50	9	0		9	9	11	12	13	14	16	19	22
EAAZ	Debre Berhan	AMH	D.Berhar	DRM	47,806		4,096	2,536	232		2,768	3000	3,600	4,013	4,316	4,763	5,209	6,270	7,465
EAAZ	Debre Sina	AMH	D.Berhar	DRM	8,838		200	74	30		104	134	161	179	193	213	233	280	333
EAAZ	Deneba (Shewa)	AMH	D.Berhar	DRM	3,303		50	21	0		21	21	25	28	30	33	36	44	52
EAAZ	Ephesone	AMH	D.Berhar	DRM							0	0	0	0	0	0	0	0	0
EAAZ	Gerji	AMH	D.Berhar	DRM			5,024	3,950	1,000	4,000	4,950	5950	7,140	7,958	8,560	9,446	10,332	12,435	14,805
EAAZ	Gewane	AMH	D.Berhar	DRM				0	0		0	0	0	0	0	0	0	0	0
EAAZ	Ginager	AMH	D.Berhar	DRM	1,611		20	1	1		2	3	4	4	4	5	5	6	7
EAAZ	Gudoberet	AMH	D/Berhar	DRM	1,115		20	3	0		3	3							
EAAZ	Jubur	AMH	D.Berhar	DRM	2,349		20	1	0		1	1	1	1	1	2	2	2	2
EAAZ	Kotebe	AMH	D.Berhar	DRM	2,265		4,096	2,265	200		2,465	2665	3,198	3,565	3,834	4,231	4,628	5,570	6,631
EAAZ	Mehal Meda	AMH	D.Berhar	DRM	8,496		500	58	100	500	158	258	310	345	371	410	448	539	642
EAAZ	Mendida	ORM	D.Berhar	DRM	2,686		50	20	2		22	24	29	32	35	38	42	50	60
EAAZ	Mezezo	AMH	D.Berhar	DRM	1,939		20	10	0		10	10	12	13	14	16	17	21	25
EAAZ	Molale	AMH	D.Berhar	DRM	3,964		100	15	1		16	17	20	23	24	27	30	36	42
EAAZ	Sala Dinghay	AMH	D.Berhar	DRM	1,830		20	2	0		2	2	2	3	3	3	3	4	5
EAAZ	Sendafa	ORM	D.Berhar	DRM	6,881		200	144	23	500	167	190	228	254	273	302	330	397	473
EAAZ	Sheno	ORM	D.Berhar	DRM	6,678		100	72	30	1,000	102	132	158	177	190	210	229	276	328
EAAZ	Shola Gebeya	AMH	D.Berhar	DRM	1,010		20	0	0		0	0	43	48	52	57	63	75	90
EAAZ	S/Robit	AMH	D.Berhar	DRM							0	0	0	0	0	0	0	0	0
EAAZ	Yeka	AMH	D.Berhar	DRM			19,968	11,245	1200		12,445	13645	16,374	18,251	19,631	21,663	23,694	28,517	33,953
EAAZ	Total				116,971	296,360	68,224	46,191	3,633	8,000	49,824	53,457	64,188	71,545	76,957	84,921	92,885	111,791	133,100

**D.Table 5.3-1 (5/7)**

Starting Model

Addis Ababa

Tel. Zone	Ex. Name	Area	Via	TRX	2,000	2,000	SW Cap	Subscribe	Waiter	8th5y	Total demand	Potential	Micro D	Micro D	Micro D	Micro D	Micro D	Micro D	Micro D
					Population Estimated	Population Wereda							2,000	2,003	2,005	2,007	2,010	2,015	2,020
West	Addis Ketama I,II,IV	Z05-W07					43,137	25,015	15,423		40,438	55,861	61,447	68,490	73,671	81,295	88,919	107,017	127,416
West	Kolfe	Z05-W07					6,144	5,542	6,936	4,000	12,478	19,414	21,355	23,803	17,904	19,757	21,610	26,008	30,966
West	Shegole	Z05-W07					3,000	2,130	1,750	2,000	3,880	5,630	6,193	6,903	7,425	8,193	8,962	10,786	12,842
West	Asko	Oromiya								4,000	0	0	0	0	7,700	8,497	9,294	11,185	13,317
West	H Hiwot (Ambo)	Oromiya	H/Hiwot	M.W	34,124		6,000	2,636	483		3,119	3,602	3,962	4,416	4,750	5,242	5,734	6,901	8,216
West	A/Alem	Oromiya	H/Hiwot	DRM	9,280	85,666	100	49	438	750	487	925	1,018	1,134	1,220	1,346	1,472	1,772	2,110
West	Babichu	Oromiya	H/Hiwot	L.Line	1,683	208,608	20				0		59	66	71	78	85	103	122
West	Burayu	Oromiya	H/Hiwot	DRM	12,381	136,943	20	7	779		786	1,565	1,722	1,919	2,064	2,278	2,491	2,998	3,570
West	Enchini	Oromiya	H/Hiwot	UHF	5,593	112,882	100	32	58	500	90	148	163	181	195	215	236	284	338
West	Gende Beret	Oromiya	H/Hiwot	UHF	5,387	178,692	20		33	500	33	66	73	81	87	96	105	126	151
West	Ghedo	Oromiya	H/Hiwot	UHF	7,044	208,608	100	1	87		88	175	193	215	231	255	279	335	399
West	Ginch	Oromiya	H/Hiwot	DRM	13,079		100	53	219	500	272	491	540	602	648	715	782	941	1,120
West	Guder	Oromiya	H/Hiwot	UHF	11,807		500	250	196		446	642	706	787	847	934	1,022	1,230	1,464
West	Holeta(Ghenet)	Oromiya	H/Hiwot	M.W	20,725	136,943	500	432	350		782	1,132	1,245	1,388	1,493	1,647	1,802	2,169	2,582
West	Jeldu(Gojo)	Oromiya	H/Hiwot	VSAT	5,140		100	6	166		172	338	372	414	446	492	538	648	771
West	Menagesha	Oromiya	H/Hiwot	DRM	2,979		10	0	21		21	42	46	51	55	61	67	80	96
West	Meti	Oromiya	H/Hiwot	VHF	987		0	0	0		0		35	39	42	46	50	60	72
West	Shenen	Oromiya	H/Hiwot	UHF	3,219		20	0	0		0		113	126	135	149	164	197	234
West	Toke	Oromiya	H/Hiwot	L.Line	1,174		10	0	0		0		41	46	49	55	60	72	85
West	Welencomi	Oromiya	Holeta	UHF	5,896		100	1	53	500	54	107	118	131	141	156	170	205	244
West	Wolmera	Oromiya	Holeta	VHF							0		0	0	0	0	0	0	0
Total							59,981	36,154	26,992	12,750	63,146	90,138	99,400	110,793	119,173	131,507	143,840	173,116	206,115

**D.Table 5.3-1 (6/7)**

Starting Model

Addis Ababa

Tel. Zone	Ex. Name	Area	Via	TRX	Population Estimated	ETC Estimated	Population 2,000	SW Cap	Subscriber	Waiter	8th5y	Total demand	Potential	Micro D 2,000	Micro D 2,003	Micro D 2,005	Micro D 2,007	Micro D 2,010	Micro D 2,015	Micro D 2,020
South	Kirkos I	Z03-W20					8,000		18,360	8,643	2,000	27,003	35646	42,775	47,678	51,284	56,592	61,899	74,498	88,698
South	Kirkos III	Z03-W20					17,152			0				0	0	0	0	0	0	0
South	Nefas Silk I	Z03-W19					10,000		0					0	0	0	0	0	0	0
South	Nefas Silk II	Z03-W19					10,000		0	0		0		0	0	0	0	0	0	0
South	Nefas Silk III	Z03-W19					3,000		1,864	8,643		10,507	19150	22,980	25,614	27,551	30,403	33,254	40,022	47,651
South	Akaki I(Besoka)	Z06-W26,27			106,747	15,007	4,096		3,332	4,768	4,000	8,100	12868	15,442	17,212	18,513	20,429	22,345	26,893	32,020
South	Akaki II	Z06-W26,27												0	0	0	0	0	0	0
South	Hana Mariam	Z03-W19					4,000		2,676	1,250	2,000	3,926	5176	6,211	6,923	7,447	8,217	8,988	10,817	12,879
South	Debre Zeit	ORM	D. Zeit	mxz	90596		299,558	8,192	3,761	2,967	2,000	6,728	9695	11,634	12,967	13,948	15,392	16,835	20,262	24,124
South	Duken	ORM	D. Zeit	DRM	6021		*299,55	500	295	209		504	713	856	954	1,026	1,132	1,238	1,490	1,774
South	Kality													0	0	0	0	0	0	0
South	Sebeta	ORM	Ghion	UHF	17,380			1,000	727	724	2,000	1,451	2175	2,610	2,909	3,129	3,453	3,777	4,546	5,412
South	Total				203,364		299,558	65,940	31,015	27,204	10,000	58,219	85,423	102,508	114,257	122,899	135,618	148,337	178,528	212,559

**D.Table 5.3-1 (7/7)**

Starting Model

Addis Ababa

Tel. Zone	Ex. Name	Area	Via	TRX	2,000	2,000	SW Cap	Subscriber	Waiter	8th5y	Total demand	Potential	Micro	Micro D	Micro D	Micro D	Micro D	Micro D	Micro D
					Population Estimated	Population Wereda													
NAAZ	Arada I	Z05-W02					10000	8690	14821	10000	23,511	38,332	45,998	51,271	55,149	60,856	66,563	80,111	95,382
NAAZ	Arada II	Z05-W02					10000	8581			8,581	8,581	10,297	11,477	12,346	13,623	14,901	17,934	21,352
NAAZ	Arada III	Z05-W02					18430	18321			18,321	18,321	21,985	24,505	26,359	29,086	31,814	38,290	45,588
NAAZ	AradaTotal	AradaTotal					38430	35592	14821	10000	50,413	65,234	78,281	87,253	92,053	97,440	102,827	115,614	139,028
NAAZ	Addis Gebeya						2000			2000	0			0	5,000	5,517	6,035	7,263	8,648
NAAZ	Alem Ketama	AMH	Fitche	VHF	8775		100	86	37		123	160	192	214	230	254	278	334	398
NAAZ	Alidoro	ORM	Fitche	VHF	1024		0	0	9		9	18	22	24	26	29	31	38	45
NAAZ	Ambiso(Degem)	ORM	Fitche	L.Line	2532	102881	50	31	16		47	63	76	84	91	100	109	132	157
NAAZ	Chancho	ORM	Fitche	VHF	5760	163756	100	79	131	500	210	341	409	456	491	541	592	713	849
NAAZ	Debre Libanos	ORM	Fitche	L.Line	3078	98390	20	5	0		5	5	6	7	7	8	9	10	12
NAAZ	Debre Tseghe	ORM	Fitche	L.Line	4086	*98390	100	34	41	500	75	116	139	155	167	184	201	242	289
NAAZ	Ejere(Ajere)	ORM	Fitche	VHF	2177	139252	0	0	141		141	282	338	377	406	448	490	589	702
NAAZ	Fetra	AMH	Fitche	L.Line	2,294		20	14	9		23	32	38	43	46	51	56	67	80
NAAZ	Fitche	ORM	Fitche	M.W	26,163	101,803	3,000	1,012	0		1,012	1,012	1,214	1,354	1,456	1,607	1,757	2,115	2,518
NAAZ	French Legasion						3,000			2000	0		0	0	6,000	6,621	7,242	8,716	10,377
NAAZ	Gohatsion	ORM	Fitche	L.Line	5,098		50	31	45		76	121	145	162	174	192	210	253	301
NAAZ	Gunde Meskel(Dera)	ORM	Fitche	VHF	3,964		0	0	141		141	282	338	377	406	448	490	589	702
NAAZ	Inewari	AMH	D.Berh	DRM	6,571		100	37	16	500	53	69	83	92	99	110	120	144	172
NAAZ	Kuyu(Gebre Guracha)	ORM	Fitche	M.W	13,722	121,481	500	234	116	1,000	350	466	559	623	670	740	809	974	1,160
NAAZ	Lemi	AMH	Fitche	VHF	3444		20	16	19		35	54	65	72	78	86	94	113	134
NAAZ	Meragna	AMH	Fitche	VHF	2416		0	0	132		132	264	317	353	380	419	458	552	657
NAAZ	Mukatari	ORM	Fitche	L.Line	3750		100	35	47		82	129	155	173	186	205	224	270	321
NAAZ	Sidist Kilo						21,000				0		0	0	30,800	33,987	37,175	44,741	53,270
NAAZ	Sululta	ORM	Fitche	VHF	1,569		20	17	47		64	111	133	148	160	176	193	232	276
NAAZ	Tulmelki	ORM	Fitche	L.Line	1985		20	18	47		65	112	134	150	161	178	194	234	279
NAAZ	Total						107060	37241	30636	26500	53,056	68,871	82,645	92,118	99,086	109,340	119,594	143,936	171,372