

Annex I4.2.3 Water Deficits with Potential Irrigation and Swamp Area

(Unit: MCM/year)

Pattern	U. Musi	Kelingi	Semangus	U. Lakitan	L. Lakitan	M. Musi	U. Rawas	L. Rawas	Harileko
1986	0.0	0.0	0.0	0.0	0.0	0.0	140.4	0.0	248.4
1987	0.0	0.0	0.0	0.0	0.0	0.0	31.1	0.0	39.0
1988	0.0	13.2	2.9	33.5	0.0	0.0	0.0	0.0	0.0
1989	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1990	0.0	7.1	0.0	15.7	0.0	0.0	0.0	0.0	0.0
1991	134.4	5.2	8.6	0.3	0.0	0.2	0.0	13.0	0.0
1992	166.4	450.3	358.9	502.2	49.8	0.0	0.0	0.0	0.0
1993	265.5	23.0	16.8	23.2	2.2	0.3	0.0	5.7	12.4
1994	378.2	66.7	55.6	54.4	1.8	12.8	92.2	45.4	155.3
1995	100.6	0.0	0.0	0.0	0.0	0.0	0.0	99.1	8.4
1996	37.2	45.1	41.3	33.7	0.0	0.0	0.0	77.0	27.3
1997	589.1	260.7	75.9	76.9	3.2	38.4	3.6	20.6	23.1
1998	152.8	41.9	14.9	43.8	0.0	8.1	28.7	19.4	59.0
1999	46.8	53.9	39.5	75.4	0.0	1.8	11.4	5.7	54.3
2000	4.2	57.8	20.0	55.1	0.0	0.0	0.0	0.0	0.0
Total	1,875.1	1,024.9	634.3	914.4	57.0	61.6	307.4	285.9	627.1
Average	125.0	68.3	42.3	61.0	3.8	4.1	20.5	19.1	41.8

Pattern	U. Lematang	L. Lematang	U. Ogan	L. Ogan	U. Komerang	L. Komerang	L. Musi	Musi Mouth	Total
1986	98.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	487.1
1987	0.0	9.0	93.2	135.5	0.0	377.7	0.0	0.0	685.4
1988	0.0	0.0	74.0	0.0	0.0	234.8	0.0	0.0	358.4
1989	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	2.3
1990	0.0	11.9	1.8	35.2	0.0	4.8	0.0	0.0	76.5
1991	81.5	22.7	0.0	38.2	0.0	50.5	98.4	0.0	453.0
1992	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,527.6
1993	0.1	0.0	0.0	0.0	0.0	0.0	37.8	0.0	387.2
1994	48.6	52.9	6.3	96.0	90.7	240.7	512.2	65.6	1,975.3
1995	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	208.1
1996	0.0	0.0	0.0	4.9	0.0	88.7	0.0	0.0	355.2
1997	371.4	167.2	81.1	253.7	0.0	446.7	632.1	248.7	3,292.3
1998	132.8	168.8	9.7	18.5	0.0	97.0	224.7	0.0	1,020.1
1999	623.1	592.7	91.0	0.1	0.0	97.5	236.0	77.1	2,006.4
2000	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	150.5
Total	1,369.2	1,027.6	357.1	582.0	90.7	1,638.5	1,741.3	391.3	12,985.3
Average	91.3	68.5	23.8	38.8	6.0	109.2	116.1	26.1	865.7

Note) : Water deficits less than 10% of total irrigation demand (for Lower Musi, using total water demand)