

# ENERGY SAVING TARGET 2016

Variable Cost	KWH/MT				GAS (M-3/MT)				WATER (M-3/MT)				RUN-REP (Rp/MT)			
	2012	2015	2016	Impr.	2012	2015	2016	Impr.	2012	2015	2016	Impr.	2012	2015	2016	Impr.
BOPP	2,054	2,033	2,000	1.6%	122	103	98	5.0%	4.0	7.8	6.8	12.5%	351	497	480	3.4%
BOPET	2,283	2,494	2,406	3.5%	82	101	100	1.2%	4.8	4.5	4.4	1.5%	411	536	500	6.8%
FILM MAKING	2,137	2,169	2,122	2.2%	107	103	99	3.9%	4.3	6.8	6.1	10.6%	373	508	486	4.4%
COATER	717	1,007	1,000	0.7%	85	73	66	9.8%	1.3	2.3	2.0	13.7%	327	504	485	3.8%
METZ	911	1,118	1,000	10.5%		0			2.0	1.4	1.3	5.6%	291	444	440	0.8%
THERMAL	972	926	900	2.8%		0			3.7	1.3	1.3	2.4%	350	354	340	4.0%
LAMINATOR	834	1,527	1,381	9.5%	260	176	178	-1.1%	3.8	4.1	4.0	2.0%	732	954	1,300	-36.2%
CONVERTING	851	1,067	992	7.1%	100	23	21	9.7%	2.0	1.7	1.5	8.5%	327	460	453	1.6%
MANUFACTURING	2,366	2,568	2,378	7.4%	118	113	103	8.9%	4.8	7.6	6.4	14.7%	466	667	610	8.6%