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INFRASTRUKTUR

Infrastructure



JALAN NEGERI (KM) MENGIKUT PIHAK BERKUASA, PULAU PINANG 2021

STATE ROAD (KM) BY AUTHORITY, PENANG 2021

DAERAH / DISTRICT	KELEBARAN JALAN MENGIKUT PIHAK BERKUASA/ROAD WIDTH BY LOCAL AUTHORITY								
	JABATAN KERJA RAYA / PUBLIC WORK DEPARTMENT			PIHAK BERKUASA TEMPATAN / LOCAL AUTHORITY			PEJABAT DAERAH & TANAH	JABATAN PENGAIRAN DAN SALIRAN	JUMLAH (KM) / TOTAL (KM)
	>4.27m	3.05m- 4.27m	2.44m – 4.27m	>4.27m	3.05m – 4.27m	2.44m – 4.27m	2.44m – 4.27m	2.44m – 4.27m	
Barat Daya	173.934	0.159	-	-	-	-	133.342	43.418	350.853
Seberang Perai Tengah	348.674	-	9.375	-	-	-	393.547	173.603	925.199
Seberang Perai Selatan	170.173	0.078	0.231	-	-	-	155.696	264.879	591.057
Seberang Perai Utara	306.752	-	-	-	-	-	396.900	637.565	1341.217
Timur Laut	102.328	-	-	-	-	-	19.367	-	121.695
Majlis Perbandaran Seberang Perai (MPSP) / Seberang Perai Municipal Council	-	-	-	2051.548	34.487	0.776	-	-	2086.811
Majlis Bandaraya Pulau Pinang (MBPP) / Penang Island City Council	-	-	-	752.491	45.037	-	-	-	797.528
JUMLAH / TOTAL	1,101.861	0.237	9.606	2,804.039	79.524	0.776	1,098.852	1,119.465	6,214.360

PERMINTAAN MAKSIMA & KAPASITI JANAKUASA TENAGA ELEKTRIK, PULAU PINANG 2014 – 2018

MAXIMUM DEMAND & ELECTRICITY GENERATION CAPACITY IN PENANG 2014-2018

TAHUN / YEAR	PERMINTAAN MAKSIMA DI PULAU PINANG (MW) MAXIMUM DEMAND IN PENANG (MW)	KAPASITI JANAKUASA ELEKTRIK DI PULAU PINANG (MW) GENERATION CAPACITY IN PENANG (MW)	RIZAB MARGIN PENJANAAN DI SEMANJUNG MALAYSIA GENERATION RESERVE MARGIN IN PENINSULAR MALAYSIA
2014	1,632.31	655	30.6%
2015	1,687.23	655	29.9%
2016	2,030.68	1,705	27.6%
2017	2,083.00	1,729	35.7%
2018	2,100.00	1,765	35.7%

BEKALAN AIR, PULAU PINANG 2018 – 2021

WATER SUPPLY, PENANG 2017– 2021

PERKARA		2018	2019	2020	2021
Keluasan Takungan Air (km ²) / Water Catchment Areas (km ²)		62.9	62.9	62.9	62.9
Pegguna Berdaftar / Registered Consumer	Domestik/ Domestic	528,893	545,503	558,721	571,219.0
	Perdagangan/ Commercial	87,189	85,747	86,998	87,691.0
	Jumlah/ Total	616,082	631,250	645,719	658,910.0
Sumber Air Utama / Main Water Resource		Sg. Muda	Sg. Muda	Sg. Muda	Sg. Muda
Jumlah Bekalan Air Rawatan Sehari (Juta Liter) / Daily Supply of Treated Water (Million Litre)		1,073	1,093	1,105	1,126.0
Peggunaan Berdaftar Sehari (Juta Liter) / Daily Registered Consumption (Million Litre)		840	843	845	860.0
Air Tidak Berhasil (%) / Non Revenue Water (NRW) (%)		21.7	22.9	23.5	23.6
Jumlah Empangan / Number of Dams		4	4	4	4
Jumlah Kapasiti Simpanan Air Mentah (Juta Liter) / Total Raw Water Storage Capacity (Million Litre)		45,758	107,106	112,022	112,022
Jumlah Pusat Rawatan Air / Number of Water Treatment Plants		9	9	9	9
Jumlah Kapasiti Keupayaan Pusat Rawatan Air (Juta Liter / Hari) / Total Design Capacity of Water Treatment Plants (Million Litre / Day)		1,559	1,599	1,599	1,599
Jumlah Empangan Rawatan Air / Number of Treated Water Reservoirs		58	61	61	59

Sumber/Source :

Sumber/Source : Perbadanan Bekalan Air Pulau Pinang (PBAPP) / Penang Water Supply Corporation (PBAPP)

PENGELUARAN & PENGGUNAAN AIR (M³), PULAU PINANG 2018 – 2021

WATER OUTPUT & CONSUMPTION (M³), PENANG 2018 – 2021

TAHUN / YEAR	PENGELUARAN OUTPUT (M ³)		PENGGUNAAN CONSUMPTION (M ³)	
	M ³	% PERTAMBAHAN INCREASE	M ³	% PERTAMBAHAN INCREASE
2018	391,651,708	1.45	306,573,881	1.64
2019	398,975,577	1.87	307,532,394	0.31
2020	404,433,381	1.37	309,224,456	0.55
2021	411,148,140	1.66	314,061,032	1.56