

图 6-4-11 Nswadzi Site 概要图

表 6-4-3 村落社会調査でリストアップされた既設配電線からの距離が20km以上の未電化T/Cに対するマイクロ水力ポテンシャル調査の結果

District Name	TC Name	Distance from the Existing grid (km)	Potential Estimated (kW)	Evaluation	Remarks
Chitipa	Nthalire	100.0	60	○	Site survey carried out in this study
Chitipa	Wenya	85.0	—	c	Site survey carried out in this study
Chitipa	Kameme	26.0	—	b	Site survey carried out in this study
Chitipa	Chisenga	35.0	15	○	Site survey carried out in this study
Chitipa	Mulembe	35.0	15	○	Site survey carried out in this study
Rumphi	Katowo	45.0	45	○	Site survey carried out in this study
Rumphi	Chitimba	20.0	—	a	Site survey carried out in this study
Rumphi	Nchenachena	23.0	30	○	Site survey carried out in this study
Nkhata Bay	Khondowe	—*	5	○	Site survey carried out in this study
Nkhata Bay	Usisya	50.0	20	○	Site survey carried out in this study
Nkhata Bay	Nthungwa	20.0	—	c	
Nkhata Bay	Ruarwe	—*	50	○	Site survey carried out in this study
Kasungu	Simlemba	21.0	—	a	
Salima	Michulu	20.0	—	a	
Lilongwe	Hiunjiza	29.0	—	b	
Mangochi	Chilipa	25.0	—	a	Site survey carried out in this study
Mangochi	Katema	23.0	25	○	Site survey carried out in this study
Mangochi	Kwisimba	38.0	5	○	Site survey carried out in this study
Machinga	Nayuchi	23.0	—	b	
Balaka	Phimbi	21.0	—	b	
Chiradzulu	Milepa	31.0	—	b	Site survey carried out in this study
Mwanza	Thambani	23.0	—	c	Site survey carried out in this study
Thyolo	Sandama	20.0	75	○	Site survey carried out in this study
Phalombe	Chiringa	20.0	—	c	Site survey carried out in this study
Chikwawa	Chapananga	55.0	—	a	Site survey carried out in this study
Chikwawa	Linunzu	22.0	—	c	Site survey carried out in this study

\*) It is difficult to estimate the distance from the existing grid, since there are no access roads to the TCs at present

#### Evaluation

○; There is a micro-hydropower potential

a ; There is no river near the targeted TC, which is expected to have continuous flow through all seasons

b ; There is no water head obtained in the river due to the flat topography

c ; There is less than 5 kW potential in the river



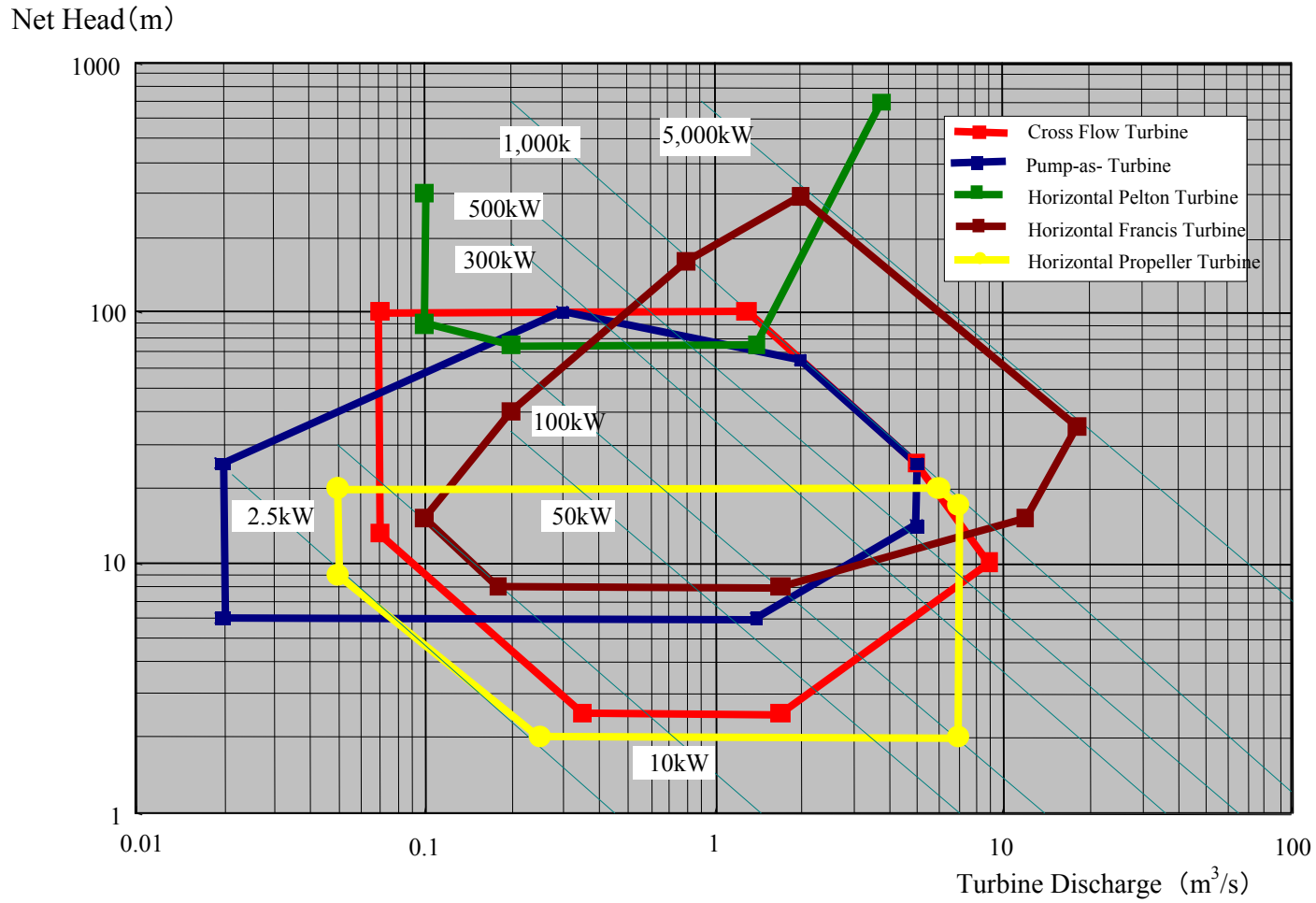


Fig. 6-6-1 SMALL-SIZE HYDRO TURBINE APPLICATION CHART

図6-6-1 水車選定図