

ANTONIO ACOSTA ARGUEDAS

40+ years of Hydro Electric & Wind Expertise

Academic Background

Professional Degree: Surveyor

Academic Degree: University Graduate in Topography.

Profesional Experience

Instituto Costarricense de Electricidad (ICE) from 1968 to 1983.

Surveyor for the Basic Studies Department to study Hydro, Wind and Geothermal Power projects, as well as transmission, distribution and telephone lines routes definitions. Dam control. Basin studies to determine water Flawss for Hydro power plants. Hydrographic surveys and Hydro meteorological studies in Costa Rica for United Nations. Water Flaws measurements. Land appraisals and right of ways for ICE Projects. Inventory and evaluation of forest species in order to pay possible damages

From 1983 to the actual date as an Independent Consultant

As an independent Consultant I founded Ingenierías Acosta & Acosta to do site investigation and identification of Hydro and Wind Projects. Electrical potential determination in Central America for hydro and wind power as well, also in México and Chile. Surveyor for general purposes projects including but not limited to land appraisals for agriculture, forestry, infrastructure construction projects.

Project Experience

Costa Rica:

Identification of: Hydroelectric: Patria (50 MW), Corinto (12 MW), Jabillos (12 MW), Doña Cristina (50 MW), Don Antonio (50 MW), Banano (10 MW), Guadalajara (6 MW), Limón (9 MW), Sardinal (11 MW), Sardinal (11 MW), Ceibo (13 MW), Tabla (39 MW), Volcán (20 MW), Convento (20 MW). Tenorio I (7 MW). Site investigation and preliminary micrositing of Mogote and Guayabo (40 MW) and San Buenaventura Wind Farms.

Guatemala:

Identification of Hydroelectric PP: Tres Ríos Hydro Power Project (3 cascade projects, 50 MW), Cabuz Inferior (40 MW), La Esmeralda (20 MW), La Perla (4 MW), Palob (20 MW), Sichel (9 MW), Suchúm (38 MW), Sumalá (9 MW). San Cristóbal (22 MW), Santa Rita (24 MW), Las Brisas (30 MW), San Antonio, Sinanjá, Tinajas, Pueblo Nuevo, Espinilla

Fatal Flaws analysis for two hydroelectric projects, for Mesoamérica Energy: Cahabón, 40-60 MW; Volcán 2: 25 MW.

Chile:

Fatal Flaws analysis for Hunt Energy Horizons of various hydroelectric Projects, such as: Carilafquén, 17 MW; Malalcahuello, 7 MW; Bureo, 20 MW; Colorado, 14 MW; Cumpeo, 4 MW; La Compañía, 3 MW; Melo, 3 MW.

Panamá:

Fatal Flaws analysis for Hunt Energy Horizons for Huaca HPP, 5 MW.

Nicaragua

Site investigation for HPP: Consuelo, Trinidad, Pajaritos, La Estrella, altogether with a potential of 30 MW

México

Site investigation for Escalona HPP, (8 MW).