

## H. Environmental Protection and Others

Number	R&D Achievement Name	Applicable Industry	Executive Unit	Contact Person	Extension	Remarks
H001	Plasma-Deposited Nano Energy-Saving Films Technology	Electronics & Optoelectronics / Advanced Manufacturing & Systems / Environment & Energy	Physics Division	Hsieh, Cheng-Chang	7440	
H002	Roll-to-Roll Plasma Enhanced Physical Vapor Deposition Coating Platform	Advanced Manufacturing and Systems	Physics Division	Hsieh, Cheng-Chang	7440	
H003	Industrial Application of Plasma Surface Modification Technology	Electronics & Optoelectronics / Advanced manufacturing & Systems / Environment & Energy	Physics Division	Tsai, Wen-Fa	7401,7440	
H004	Plasma Melting, New Material Synthesis and Green Material Technology	Environment and Energy	Physics Division	Yang,Sheng-Fu	7398	
H005	Plasma Assisted Gasification Technology for Power Generation and Liquefaction	Environment and Energy	Physics Division	Shiaw-Huei Chen	7302	
H006	Atmospheric Plasma Surface Treatment Equipment and Process 【Atmospheric Plasma Surface Treatment Equipment and Process for Textiles】	Advanced manufacturing and systems	Physics Division	Tsai, Ding-Guey	7440	
H007	High Power Impulse Magnetron Sputtering Technology	Manufacturing & Systems and Environment & Energy Industry	Physics Division	Wu, Jin-Yu	7440	
H008	Roll-to-Roll Magnetron Sputtering ITO Film Mass Production Technology	Manufacturing & Systems and Environment & Energy Industry	Physics Division	Tseng, Ching-Pei	7440	
H009	All-Solid-State Flexible Thin Film Energy-Saving Device	Electronic and Optoelectronic/ Energy and Environment	Physics Division	Wang,Min-Chuan	7440	

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H010	Multi-Gas Mixer and Device for Supplying Gas Mixture to Plasma Torch	Advanced Manufacturing & Systems / Environment & Energy	Physics Division	Tsai, Chun- Huang	7354	
H011	Advanced Waste Heat Utilization Technology	Renewable Energy, Environment and Energy, Energy Service, Industrial Energy Saving	Physics Division	Huang, Tsair-Fuh	7426	
H012	The Integration of the First Generation Thermally Driven Absorption Refrigerator and Heat Pipe	Refrigerator and Air Conditioning/ Energy Service/ or Other Energy Saving Industry	Physics Division	Huang, Tsair-Fuh	7426	
H013	Key Technologies for Preparation of Large Commercial Metal Oxide Electrochromic Film Electrodes	Manufacturing & Systems and Electrochromic Device/Smart Window Industry	Physics Division	Chen, Po-Wen	7440	
H014	High Temperature Gas Purification Technology	Petrochemical Industry / Energy Industry	Chemistry Division	Yau-Pin Chyou	5050	
H015/F011	Pneumatic Conveying Device for Fine Powder	Industry of Plastics, Bioenergy, Petrochemical, Cement, Opto-Electronics, Pharmaceutical, and Food	Chemistry Division	Wen-Hua Chen	5115	
H016	Manufacturing Technique for the Formation of Lead-carbon Interface	Energy Storage Batteries and the Associated Industries	Nuclear Fuels and Materials Division	Yi-ren Tzeng	6614	
H017	Design and Implementation Technology for Safety Instrumentation & Control (I&C) System	Industries for Electronics and Optoelectronics / Advanced Manufacturing and System	Nuclear Instrumentation Division	Lee, Chung-Lin	6338	

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Number	R&D Achievement Name	Applicable Industry	Executive Unit	Contact Person	Extension	Remarks
H018	Design and Implementation of Early Warning and Fault Diagnostic System for Critical Asset	Industries for Information and Communication/Electronics and Optoelectronics / Advanced Manufacturing and System	Nuclear Instrumentation Division	Lee, Chung-Lin	6338	
H019	Institute of Nuclear Energy Research Fault Tree Analysis Software Package	General Industry	Nuclear Engineering Division	Pi-Lin Hsu	6097	
H020	Quantitative Analysis of a Functional Group on the Surface of Solid Material	Biomedical 、Material 、Electronics and Communication	Division of Isotope Application	Chen, Kuan-Yin	7102	