

Reporting System & Liability Insurance Requirement for **EVCI**

Oct. 2026.

Korea Electrical Safety Corporation



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1. Background of EVCI Policy

Expansion of EV Phobia

Media Report on EV Fire Accident

- Growing anxiety over a series of EV Fires / YTN
- 'Electric vehicle chasm' & 'Battery concern's spreading / MBC

EV Fire Accident Scene



Accident
in Apt.
Parking Lot



Accident
in Parking
Tower

1. Background of EVCI Policy

Major Case(Apt. Fire Accident)

Direct Damage Caused by EV Fire

- Casualties : 23 people transported to hospital(Including infants)
- Properties : 42 vehicles completely burn, 45 vehicles partially damaged, etc.

Indirect Damage Caused by EV Fire

- Water and electricity supplies cut off due to installation loss.
- 822 people evacuated to temporary shelters or homes of relatives.

The Complexity of Insurance Coverage

- The insurance company files a subrogation claim against insurer or manufacturer of EV Fire.
- Fire insurance coverage for apartment complexes excludes vehicle damage.

1. Background of EVCI Policy

Policy to Alleviate EV Phobia

Introduction of Reporting System for EVCI

- When installing or modifying EVCI, the operator must report details such as the location, quantity, and specifications of the facilities to the competent city or provincial governor.
 - The Provincial Governor shall notify the fire station and KESCO of the reported details.

Mandatory Liability Insurance for Accidents at EVCI

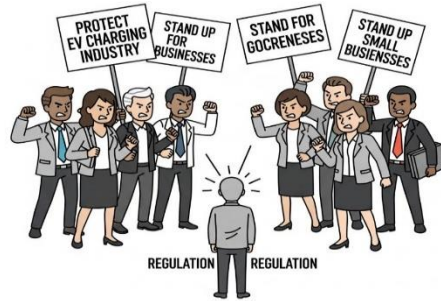
- The manager of EVCI is responsible for damages to others caused by fire or other incidents resulting from the installation, maintenance, or management of the EVCI.
 - Making insurance coverage mandatory to ensure prompt compensation for affected citizens.

2. Process of Implementation Policy

Challenges in Implementation

Backlash from Service Providers

- Burden of excessive compensation liability



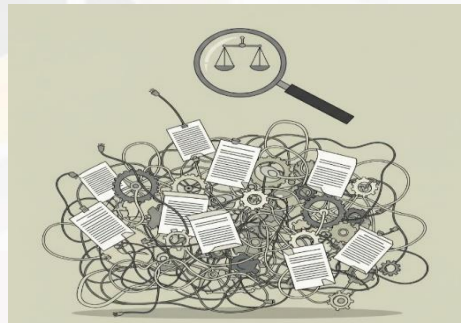
Role Conflicts between Ministries

- Difficulties in coordination due to task allocation



Review of Legal System

- Review of Equity with Other Areas



Unclear Liability for Insurance

- Need for clear and detailed definitions



2. Process of Implementation Policy

Efforts for Implementation

Building Consensus

- Gathering feedback through discussions



Consultation Relevant Ministries

- Adjustment of differing opinions



Policy Review

- Minimize the scope of regulation



Practical Training

- Analysis of causes and cases



Amendment to Electrical Safety Management Act

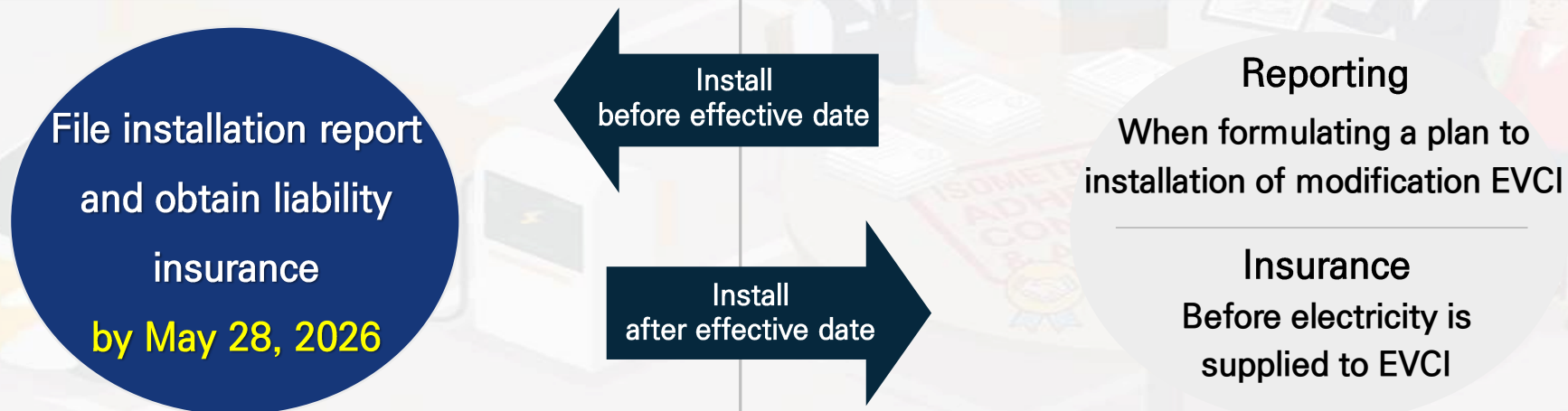
3. Introduction of Reporting System & Liability Insurance

Amendment Act

Purpose of Electrical Safety Management ACT Amendment

- Report to the relevant local government when installing or modifying for management of EVCI
- Provide victims with smooth and prompt relief in case of fires or other accidents at EVCI

Application Method Based on Effective Date('25.11.28.)



3. Introduction of Reporting System & Liability Insurance

Reporting System

Reporting Authority

- EVCI Manager must report to the provincial governor in charge.
 - The Provincial governor shall notify the fire station and KESCO of the reported details.

Reporting Details

- Location of EVCI
- Number of EVCI
- Company name
- Charging specification of EVCI (include Charging capacity)

Reporting Form

■ 전기안전관리법 시행규칙 [별지 제13호의2서식]

전자자동차 충전시설 [O]설치 []변경 신고서

* 비탈릭이 어두운 남은 신고인이 작성하지 않으며, []에는 해당되는 곳에 √ 표를 합니다. (양쪽)

접수번호	접수일			
신고인	성명(대표자) 김안전 회사명 또는 상호 한국전기안전공사	전화번호 010-1234-5678 063-123-4567 주소 전북 완주군 이서면 안전로 111		
충전시설 위치 (설치주소)	전북 완주군 이서면 안전로 111			
충전시설 설치사업장	한국전기안전공사 본사 (전화번호: 063-123-4567)			
충전시설 설치수량	지상	목외 6개 합계: 6개		
	지하	1층 11개 합계: 11개		
충전시설 규격	완속	종류	전기용량(kW) 및 갯수	합계: 11개
		스탠드형	5kW: 3개	3개
	급속	벽부착형	5kW: 3개	3개
		과급형콘센트		5개
충전시설 운영자	회사명 또는 상호	한국기후환경솔루션	운영수량	6개
	회사명 또는 상호	한국기후환경스마트충전	운영수량	11개
변경 사유	[] 충전시설의 위치 [] 충전시설의 설치수량 [] 충전시설의 규격(충전시설의 전기용량을 포함합니다) [] 전자자동차 충전시설 운영자의 회사명 또는 상호			
변경 사항	변경 전		변경 후	
「전기안전관리법」 제21조의2제1항 및 같은 법 시행규칙 제24조의2제1항에 따라 위와 같이 전자자동차 충전시설 [O]설치신고 []변경신고를 합니다.				
신고인		2025년 11월 28일	(서명 또는 인)	
시·도지사 귀하		김 안 전		
첨부서류	없음	수수료 없음		

3. Introduction of Reporting System & Liability Insurance

Liability Insurance

Policyholder

- The obligation to purchase insurance rests with the owner of EVCI
 - The operator may sign up on behalf of the user, subject to the contractual arrangement.

Timing of Insurance Enrollment

- Installation or modification
 - Before electricity is supplied to EVCI
- Change of owner
 - Date the owner was changed

Type of Insurance

- Accident liability insurance or insurance containing equivalent coverage.
- "No-fault liability insurance," under which the insurer is liable to pay insurance benefits to the victim even if the manager is not at fault or negligent.

3. Introduction of Reporting System & Liability Insurance

Expected Effects

Remedy for Damage

- Securing the business operator's capacity for compensation in advance
 - Active relief for victims

Providing Incentives

- Linking the electrical safety system with insurance
 - Encouraging autonomous safety management

Systematic Management

- Prevention of omissions in managed EVCI
 - Reporting, Installation, Check-up, Inspections & Safety Mgmt.

Establishment of Systematic EVCI Management System



Overcoming Phobia by Alleviating Public Anxiety

Closing Seminar

MERCI – THANKS

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